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Textile Organon

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Textile Fiber End Use Survey

Highlights

***Textile Organon* Features:**

Annual U.S. End Use Summary . . . **Featured Page 180.**

Summary of Man-Made Fiber & Semimanufactured Imports 1978-1984 . . . **see page 182.**

U.S. Imports of Cellulosic Staple+Tow Rise 88% in July . . . **see page 199.**

Second Quarter 1985 Domestic Shipments of Nylon Yarn to the Carpet Trades Rise to 207.5 Million Pounds . . . **see page 201.**

Presented in this issue of the ***Textile Organon*** is the 1985 survey of textile fiber consumption by end use. Annual data are shown for the years 1978 through 1984.

The data of this end use survey supersede those of earlier surveys. As more reliable data become available, they are incorporated to provide the most current industry data obtainable.

Compared with last year's survey, there are relatively few revisions. However, it should be noted that there has been some revision of the Top & Bottomweight Fabric, Bedspread & Quilts (Item 45) and Carpets and Rugs (Item 50) end uses.

In addition, there have been significant revisions of the textile glass component of the Electrical & Reinforced Plastics (Items 66 & 77) and Miscellaneous Industrial & Other Consumer Type Products end uses.

In some cases, these revisions involved changes in the series of data from 1981 through 1983. Revisions such as these are indicated by a black circle (●). In addition, significant single year revisions are denoted by a small "r".

When the changes described above are kept in mind, the data in this survey may be used in conjunction with earlier issues of the ***Textile Organon*** as follows:

Years	*Textile Organon* Issues
1949-1955	November 1961
1956-1959	January 1966
1960-1963	January 1970
1964-1965	November 1971
1966-1967	November 1973
1968-1969	November 1975
1970	November 1976
1971-1972	November & December 1978
1973	November 1980
1974	November 1981
1975	November 1982
1976	November 1983
1977	September 1984

In this manner, a continuous statistical series covering the 36 year span from 1949 through 1984 may be obtained.

Continued on Page 179

TABLE 1: END USE SUMMARY CHANGES

END USE	TOTAL FIBER								MAN-MADE FIBER							
	MILLION POUNDS				% OF TOTAL END USE[a]				MILLION POUNDS				% OF TOTAL END USE[a]			
	78-81	1982	1983	1984	78-81	1982	1983	1984	78-81	1982	1983	1984	78-81	1982	1983	1984
APPAREL	4768	4077	4621	4373	38	39	37	35	2975	2393	2754	2509	33	31	30	27
HOME FURNISHINGS	3816	3144	3939	4076	31	30	32	33	2973	2442	3106	3226	33	32	33	35
INDUSTRIAL & OTHER CONSUMER-TYPE PROD	3319	2980	3628	3754	27	28	29	30	2872	2593	3227	3344	31	34	35	36
EXPORTS	545	336	280	279	4	3	2	2	302	215	184	191	3	3	2	2
TOTAL END USE	12448	10537	12468	12482	100	100	100	100	9122	7643	9271	9270	100	100	100	100

78-81 means the annual average for the years 1978-1981. The 1982, 1983 & 1984 data are for single years only. All data are drawn from the End Use Consumption Summary table on page 180.

a. The percentages in these columns show the usage of each type of fiber by its major end use categories. They add to 100% vertically in each case.

Textile Organon

SEPTEMBER, 1985

A MONTHLY REVIEW

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Editor
Rosemarie Frick

Publishing Headquarters:
Textile Economics Bureau, Inc.
101 Eisenhower Parkway
Roseland, NJ 07068
U.S.A.
Telephone: (201) 228-1107

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DATAGRAM

STRONG REBOUND IN SHIPMENTS

Shipments of noncellulosic yarn, staple+tow rose dramatically in August. At the same time, inventories declined to the lowest level of this year.

- *Nylon Carpet Yarn: Shipments rose by 15%, and inventories fell by 11%.*
- *Polyester Staple+Tow: Shipments increased by 13%, as the 1.3 - 2.5 denier market jumped by 10%.*
- *Olefin+Vinyon Staple: Showed a dramatic increase in shipments for August of 36%.*

EXPORTS OF FIBER ON THE RISE

Exports of man made fiber totaled 85.6 million pounds in July, the highest monthly export level since February 1985.

For the first seven months of 1985, exports of man made fiber totaled 517.0 million pounds. This compares to the 1984 January - July level of 442.0 million pounds.

More specifics:

- *Acrylic+Modacrylic exports advanced by 28% to 17.8 million pounds in July.*
- *Nylon textured yarn exports rose by almost 41% in July.*

IMPORTS OF FIBER GROW MARGINALLY

Imports of cellulosic staple+tow in July totaled 822 thousand pounds, up 88% from the 437 thousand pounds shipped in June. The major share of these imports, 60%, came from Canada.

For the first seven months of 1985, imports of noncellulosic yarn+monofilament totaled 61.0 million pounds. This compares to the 1984 January-July imports of 56.8 million pounds.

The noncellulosic staple+tow imports rose by 7.2% to 15.7 million pounds and was the highest monthly import level for this year.

DUPONT TO CUT POLYESTER FILAMENT PRODUCTION

In the fourth quarter of 1985, Dupont will end production of polyester filament at their plant in Old Hickory, TN.

A declining market, impacted by imports is blamed for the move. About 200 jobs will be affected by this move. Other products made at the plant will not be impacted, which include polyester staple, spunbonded polyester, spunbonded polypropylene and spunlace products. (DNR 8-19-85)

AVTEX FIBERS TO EXPAND POLYPROPYLENE OPERATION

Avtex Fibers, Inc. will undertake expansion of its new fine denier polypropylene operation at Front Royal, VA, in two phases to reach capacity of about 45 million pounds by the first quarter of 1986. The capacity is geared toward the growing demand for thermal bonded fibers in the nonwoven cover stock industry.
(DNR 8-15-85)

Continued From Front Page

SURVEY FIBER COVERAGE

The objective of this survey is to measure the amount of raw fiber required to produce a particular end use item. The quantities of fiber are grouped under general listings, but specific characteristics of each listing should be noted.

The man-made fiber data are presented in two general categories, **Cellulosic**, which includes rayon and acetate, and **Noncellulosic**, which includes nylon, polyester, acrylic, olefin, saran, spandex and textile glass. Except for carpets, no separation of the data by generic type within the end uses is provided. See footnote **(b)** under General Notes on page 190 for additional descriptions. The cotton end use data cover raw cotton. Cotton waste and cotton linters poundages are excluded, except when pertaining to waste. See the section describing waste fiber coverage for further explanation.

Wool data cover both virgin and reprocessed & reused wool.

Many other fibers, such as silk, linen, jute and sisal, are used in various products covered by the survey, but no poundage data for these fibers are included in the end use tables on pages 183-189.

SURVEY WASTE FIBER COVERAGE

In the survey, textile fiber waste is handled in three different ways: First, end uses which employ waste fiber, either wholly or in part without preliminary processing, are not included (e.g., furniture stuffing, mattress felts, punched or needled felts for carpet & rug underlays, pressed wool felts and some nonwoven fabrics).

Second, for certain end uses which utilize both new fiber and the fiber derived from processed waste, the poundages shown have been calculated so as to exclude the waste component inasmuch as possible, as, for example, is the case with the cotton waste in Towels & Toweling (Item 48) and Twine (Item 73).

And third, waste which has been processed into usable spinnable fiber is included in the poundages shown for Blankets (Item 46), Carpets & Rugs (Item 50) and a number of other applications. It is important to note that in products such as these, fiber derived from waste by preliminary processing, especially for the man-made fiber poundages, is a significant and measured part of the total end use.

OUTLINE AND COVERAGE OF THE SURVEY

The data presented on pages 183-189 show the poundages of the itemized textile fibers consumed in the production of end use products in the United States.

The substantial imports of finished products, such as apparel, blankets, tablecloths and rugs, are not included in this survey as they are not manufactured in domestic mills.

The method used for estimating the end uses of man-made fibers differs from that used for the natural fibers. For man-made fibers, the data are based on producers' domestic shipments plus imports of fiber, yarn and semimanufactured products. While in the case of cotton, the data of the National Cotton Council were used extensively, and for wool, government data plus estimates from other trade sources were employed.

END USE VERSUS AVAILABLE SUPPLY

Available supply (mill consumption plus semi-manufactured imports) is compared with end use consumption table 4 on page 181. While more specific reasons which affect the correlation between these series are described in subsequent sections, some general remarks are presented below.

Cotton. End use consumption is lower than available supply for most years; the same situation pertains to the National Cotton Council's survey data. Two reasons for this are stated by the Council: a) many small end uses are not included in the survey and b) estimates of materials consumed are based on "typical" cotton yarns and fabrics, not on the actual weights of every type of yarn and fabric consumed in the various end uses.

Timing and inventory changes also play a significant role. For example, some raw cotton correctly reported as "consumed" by the Census Bureau in the calendar year 1982 was not actually incorporated into end products until 1983 because of time lags and inventory fluctuations involved in moving from raw fiber in the bale to a finished garment or other textile product. Similarly, an indeterminate amount of cotton consumed in 1983 was not embodied in finished products until 1984.

As noted, the cotton series presented in this survey are mainly those of the National Cotton Council as published in its annual survey "Cotton Counts Its Customers" (1985 and earlier editions).

Wool. Blends of wool with other fibers are common in many end uses, but little information is available on the fiber composition of these blends. Thus, relatively reliable measures are available mainly on the wool poundages used in Home Furnishings (blankets and carpets) and such Apparel items as Retail Piece Goods and Craft Yarns.

These poundages were deducted from the Available Supply in Table 3, page 181, and residual poundages were then attributed to Apparel Usage in individual apparel items from the years 1978-1984 was calculated by correlating the data of Census reports MA-23A and MQ-22T on, respectively, Apparel and Broad Woven Goods.

Man-Made Fibers. As will be seen, there is relatively good correlation between End Use Consumption and Available Supply.

TABLE 2:
U.S. END USE SUMMARY

MILLION POUNDS & PERCENT

END USE & YEAR	GRAND TOTAL LBS	% a	% b	COTTON LBS	% a	% b	WOOL LBS	% a	% b	MAN-MADE FIBERS LBS	% a	% b	MAN-MADE FIBER DETAIL: CELLULOSIC TOTAL LBS	% a	% b	CELLULOSIC YARN LBS	CELLULOSIC STAPLE LBS	NONCELL. & TEXTILE GLASS TOTAL LBS	% a	% b	NONCELL. & TEXTILE GLASS YARN LBS	NONCELL. & TEXTILE GLASS STAPLE LBS
APPAREL																							
1978	5023	100	39.2	1683	33.5	52.0	139	2.8	73.9	3201	63.7	34.2	307	6.1	34.5	228	79	2894	57.6	34.1	1444	1450
1979	4825	100	37.0	1696	35.2	51.3	132	2.7	76.3	2997	62.1	31.4	341	7.1	40.7	245	96	2656	55.0	30.5	1359	1297
1980	4728	100	39.0	1652	35.0	53.9	125	2.6	74.0	2951	62.4	33.5	298	6.3	39.9	222	76	2653	56.1	32.9	1306	1347
1981	4495	100	37.9	1595	35.5	54.8	148	3.3	76.3	2752	61.2	31.4	309	6.9	42.7	194	115	2443	54.3	30.4	1191	1252
1982	4077	100	38.7	1557	38.2	57.1	127	3.1	75.1	2393	58.7	31.3	211	5.2	39.9	142	69	2182	53.5	30.7	986	1196
1983	4621	100	37.1	1714	37.1	57.3	153	3.3	75.0	2754	59.6	29.7	229	5.0	39.7	154	75	2525	54.6	29.0	1210	1315
1984	4373	100	35.0	1692	38.7	56.8	172	3.9	74.1	2509	57.4	27.1	239	5.5	41.5	153	86	2270	51.9	26.1	1126	1144
HOME FURNISHINGS																							
1978	3996	100	31.2	863	21.6	26.6	36	0.9	19.2	3097	77.5	33.0	238	6.0	26.8	56	182	2859	71.5	33.7	1160	1699
1979	4092	100	31.4	848	20.7	25.6	27	0.7	15.6	3217	78.6	33.7	194	4.7	23.1	48	146	3023	73.9	34.7	1244	1779
1980	3656	100	30.2	802	22.0	25.8	26	0.7	15.4	2828	77.3	32.1	170	4.6	22.7	47	123	2658	72.7	32.9	1189	1469
1981	3522	100	29.7	744	21.1	25.6	29	0.9	14.9	2745	78.0	31.4	156	4.4	21.5	36	120	2593	73.6	32.3	1117	1476
1982	3144	100	29.8	676	21.5	24.8	26	0.9	15.4	2442	77.6	31.9	104	3.3	19.6	26	78	2338	74.3	32.9	1013	1325
1983	3939	100	31.6	801	20.3	26.8	32	0.8	15.7	3106	78.9	33.5	134	3.4	23.3	28	106	2972	75.5	34.2	1319	1653
1984	4076	100	32.7	815	20.0	27.3	35	0.9	15.1	3226	79.1	34.8	135	3.3	23.4	28	107	3091	75.8	35.6	1421	1670
INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS																							
1978	3334	100	26.1	472	14.1	14.6	9	0.3	4.8	2853	85.6	30.4	301	9.0	33.9	66	235	2552	76.6	30.1	1915	637
1979	3486	100	26.8	462	13.3	14.0	8	0.2	4.6	3016	86.5	31.6	271	7.8	32.3	50	221	2745	78.7	31.6	2020	725
1980	3109	100	25.7	412	13.2	13.2	11	0.3	6.5	2686	86.5	30.4	249	8.0	33.3	40	209	2437	78.5	30.2	1805	632
1981	3348	100	28.2	404	12.1	13.9	12	0.3	6.2	2932	87.6	33.5	231	6.9	31.9	42	189	2701	80.7	33.6	2027	674
1982	2980	100	28.3	377	12.7	13.8	10	0.3	5.9	2593	87.0	33.9	195	6.5	36.9	30	165	2398	80.5	33.7	1759	639
1983	3628	100	29.1	387	10.7	12.9	14	0.4	6.9	3227	88.9	34.8	196	5.4	34.0	23	173	3031	83.5	34.9	2178	853
1984	3754	100	30.1	389	10.4	13.1	21	0.5	9.1	3344	89.1	36.1	187	5.0	32.5	28	159	3157	84.1	36.3	2234	923
EXPORTS OF DOMESTIC PRODUCTS																							
1978	449	100	3.5	220	49.0	6.8	4	0.9	2.1	225	50.1	2.4	43	9.6	4.8	22	21	182	40.5	2.1	76	106
1979	620	100	4.8	301	48.5	9.1	6	1.0	3.5	313	50.5	3.3	33	5.3	3.9	21	12	280	45.2	3.2	128	152
1980	618	100	5.1	259	42.0	8.0	7	1.0	4.1	352	57.0	4.0	31	5.1	4.1	20	11	321	51.9	4.0	141	180
1981	490	100	4.2	166	33.9	5.7	5	1.0	2.6	319	65.1	3.7	28	5.7	3.9	17	11	291	59.4	3.7	121	170
1982	336	100	3.2	115	34.2	4.3	6	1.8	3.6	215	64.0	2.9	19	5.7	3.6	12	7	196	58.3	2.7	82	114
1983	280	100	2.2	91	32.5	3.0	5	1.8	2.4	184	65.7	2.0	17	6.1	3.0	11	6	167	59.6	1.9	70	97
1984	279	100	2.2	84	30.1	2.8	4	1.4	1.7	191	68.5	2.0	15	5.4	2.6	9	6	176	63.1	2.0	73	103
TOTAL END USE																							
1978	12802	100	100	3238	25.3	100	188	1.5	100	9376	73.2	100	889	6.9	100	372	517	8487	66.3	100	4595	3892
1979	13023	100	100	3307	25.4	100	173	1.3	100	9543	73.3	100	839	6.5	100	364	475	8704	66.8	100	4751	3953
1980	12111	100	100	3125	25.8	100	169	1.4	100	8817	72.8	100	748	6.2	100	329	419	8069	66.6	100	4441	3628
1981	11855	100	100	2909	24.5	100	194	1.7	100	8752	73.8	100	724	6.1	100	289	435	8028	67.7	100	4456	3572
1982	10537	100	100	2725	25.9	100	169	1.6	100	7643	72.5	100	529	5.0	100	210	319	7114	67.5	100	3840	3274
1983	12468	100	100	2993	24.0	100	204	1.6	100	9271	74.4	100	576	4.6	100	216	360	8695	69.8	100	4777	3918
1984	12482	100	100	2980	23.9	100	232	1.8	100	9270	74.3	100	576	4.6	100	218	358	8694	69.7	100	4854	3840

a. The percentages in these columns show the share of each fiber in the specified end use each year. They add horizontally to the 100% shown in each of the Grand Total columns.

b. The percentages in these columns show the usage of each type of fiber by its major end use categories. They add vertically to the 100% shown under Total End Use Consumption.

Continued From Page 179

The fluctuations of producers' domestic shipments, as well as imports, from year to year are significant. In years when there is a large increase in domestic shipments plus imports of fiber (Available Supply), it is probable that some of the increase went into mill and manufacturers' inventories rather than directly into end uses. Both warehouse inventories of yarn and staple and goods in-process inventories would be involved. For example, it is likely that some of the large increase in the Available Supply between 1977 and 1978 was absorbed in inventories at various stages of the production process. In a period when Available Supply falls sharply (1979-1980 and 1981-1982, for instance) the movement is reversed. In a period of slower activity, mills and manufacturers reduce their warehouse inventories and work-in-process to reflect the lower level of activity.

Continued on Page 182

TABLE 3:
MILL CONSUMPTION+SEMIMANUFACTURED IMPORTS

MILLION POUNDS

YEAR	MAN-MADE FIBERS: MILL CONSUMPTION[a]: CELLULOSIC: YARN	CELLULOSIC: STAPLE[b]	CELLULOSIC: TOTAL	NONCELL.+GLASS FIBER: YARN	NONCELL.+GLASS FIBER: STAPLE[b]	NONCELL.+GLASS FIBER: TOTAL	IMPORTS[c]	TOTAL	COTTON: MILL CONS[d]	COTTON: IMPORTS	COTTON: TOTAL	WOOL: MILL CONS[d]	WOOL: Reprocessed & Reused[d]	WOOL: COTTON SYSTEM[d]	WOOL: IMPORTS	WOOL: TOTAL	AVAILABLE SUPPLY
1978	363.3	516.4	879.7	4580.8	3767.2	8348.0	169.3	9397.0	3040.4	330.7	3371.1	141.6	16.8	3.0	31.9	193.3	12961.4
1979	356.7	474.3	831.0	4740.2	3874.8	8615.0	119.1	9565.1	3066.4	249.1	3315.5	134.4	17.0	2.5	25.9	179.8	13060.4
1980	325.0	415.7	740.7	4426.0	3593.4	8019.4	111.6	8871.7	3064.4	277.8	3342.2	137.8	10.5	3.8	25.3	177.4	12391.3
1981	283.6	430.7	714.3	4484.0	3505.2	7989.2	141.1	8844.6	2730.8	374.4	3105.2	152.7	8.3	3.2	32.8	197.0	12146.8
1982	206.1	316.0	522.1	3793.3	3213.6	7006.9	143.9	7672.9	2478.9	295.0	2773.9	129.5	5.7	3.0	33.3	171.5	10618.3
1983	231.6	356.8	588.4	4637.2	3962.2	8599.4	196.1	9383.9	2795.7	388.4	3184.1	162.5	8.1	3.3	35.7	209.6	12777.6
1984	220.2	359.6	579.8	4672.4	3803.1	8475.5	242.4	9297.7	2668.2	505.4	3173.6	163.2	7.6	5.5	55.3	231.6	12702.9

NOTE: Glass fiber data include both textile and other types of glass fiber end uses (e.g., reinforced plastics).

a. Mill Consumption is taken from page 44 of the 1985 March ***Organon*** plus subsequent revisions.

b. Man-Made staple includes waste.

c. Imports are taken from page 45 of the March issue and comprise semimanufactured goods; see the footnotes there.

d. These poundages of reprocessed and reused wool, as well as wool consumed on the cotton spinning system, are not included in the mill consumption series for wool (see page 36 of the February 1970 *Organon*). However, they are considered here as part of the available supply of wool as shown in the table below.

TABLE 4:
END USE VERSUS AVAILABLE SUPPLY

MILLION POUNDS & *PERCENT*

FIBERS	1978: AVAILABLE[a]	1978: END USE[b]	1978: %	1979: AVAILABLE[a]	1979: END USE[b]	1979: %	1980: AVAILABLE[a]	1980: END USE[b]	1980: %	1981: AVAILABLE[a]	1981: END USE[b]	1981: %	1982: AVAILABLE[a]	1982: END USE[b]	1982: %	1983: AVAILABLE[a]	1983: END USE[b]	1983: %	1984: AVAILABLE[a]	1984: END USE[b]	1984: %
COTTON	3371	3238	*96.1*	3316	3307	*99.7*	3342	3125	*93.5*	3105	2909	*93.7*	2774	2725	*98.2*	3184	2993	*94.0*	3174	2980	*93.9*
WOOL	193	188	*97.4*	180	173	*96.1*	177	168	*94.9*	197	194	*98.5*	171	169	*98.8*	210	204	*97.1*	232	232	*100.0*
TOTAL COTTON & WOOL	**3564**	**3426**	*96.1*	**3496**	**3480**	*99.5*	**3519**	**3293**	*93.6*	**3302**	**3103**	*94.0*	**2945**	**2894**	**98.3**	**3394**	**3197**	*94.2*	**3406**	**3212**	*94.3*
CELL. - YARN[d]	373	372	*99.7*	364	364	*100.0*	329	329	*100.0*	289	289	*100.0*	212	210	*99.1*	231	216	*93.5*	220	218	*99.1*
- STAPLE[e]	532	517	*97.2*	485	475	*97.9*	421	419	*99.5*	437	435	*99.5*	322	319	*99.1*	375	360	*96.0*	360	358	*99.4*
NONCELL - YARN[d]	3713	3708	*99.9*	3833	3830	*99.9*	3607	3567	*98.9*	3575	3474	*97.2*	2983	2964	*99.4*	3590	3574	*99.6*	3594	3580	*99.6*
- STAPLE[e]	3892	3892	*100.0*	3958	3952	*99.8*	3639	3629	*99.7*	3562	3572	*100.3*	3280	3274	*99.8*	3985	3918	*98.3*	3848	3840	*99.8*
TOTAL MAN-MADE FIBER ABOVE	**8510**	**8489**	*99.8*	**8640**	**8621**	*99.8*	**7996**	**7944**	*99.3*	**7863**	**7770**	*98.8*	**6797**	**6767**	*99.6*	**8181**	**8068**	*98.6*	**8022**	**7996**	*99.7*
TEXTILE GLASS	887	887	*100.0*	922	922	*100.0*	874	874	*100.0*	982	982	*100.0*	876	876	*100.0*	1203	1203	*100.0*	1274	1274	*100.0*
TOTAL FIBERS ABOVE	**12961**	**12802**	*98.8*	**13058**	**13023**	*99.7*	**12389**	**12111**	*97.8*	**12147**	**11855**	*97.6*	**10618**	**10537**	*99.2*	**12778**	**12468**	*97.6*	**12702**	**12482**	*98.3*

a. Available means mill consumption plus the imports of semimanufactured products - from the table above.

b. End Use from the summary table on page 180.

c. End Use as a percentage of Available.

d. Yarn includes monofilaments.

e. Staple includes tow, fiberfill and waste.

TABLE 5:
SUMMARY OF MAN-MADE FIBER & SEMIMANUFACTURED IMPORTS

MILLION POUNDS

ITEM	1978	1979	1980	1981	1982	1983	1984
CELLULOSIC FIBERS							
YARN	25.7	13.3	8.3	10.7	7.0	8.7	10.0
STAPLE	41.1	16.5	10.3	16.8	13.4	13.5	17.0
WASTE	0.4	0.8	0.3	0.5	0.4	0.3	0.5
NONCELLULOSIC FIBERS							
YARN - SINGLES							
NYLON - TEXTURED	4.6	1.0	3.2	3.8	4.7	5.1	18.0
- OTHER	25.0	6.1	3.6	4.0	5.5	2.2	10.8
POLYESTER - TEXTURED	6.1	1.1	0.3	0.8	0.5	7.7	8.9
- OTHER	12.7	7.6	6.7	5.4	5.3	14.8	30.2
OTHER - TEXTURED	0.7	0.1	0.2	0.5	4.4	13.7	15.7
- OTHER	1.2	1.3	1.4	1.6	1.6	2.7	2.5
MONOFILAMENTS	1.6	2.4	4.0	2.6	1.5	1.7	2.9
STRIPS, OVER $1/LB	0.3	0.4	0.2	0.2	0.3	0.5	1.0
SUBTOTAL ABOVE	**52.2**	**20.0**	**19.6**	**18.9**	**23.8**	**48.4**	**90.0**
STAPLE[a] - NYLON	7.3	3.1	2.7	25.7	19.1	46.8	61.4
- POLYESTER	8.2	3.1	1.5	7.0	7.3	23.6	30.0
- ACRYLIC	21.8	16.0	15.9	13.9	12.3	20.3	20.4
- OLEFIN	0.1	0.1	0.1	1.1	0.6	1.1	2.2
- OTHER	23.1	17.1	15.3	12.7	11.8	9.7	17.1
SUBTOTAL ABOVE	**60.5**	**39.4**	**35.5**	**60.4**	**51.1**	**101.5**	**131.1**
WASTE, NOT ADVANCED - NYLON	14.6	12.8	11.7	25.3	22.2	26.8	31.2
- POLYESTER	5.4	3.3	6.0	18.1	11.2	13.0	8.0
- ACRYLIC	3.3	2.4	2.4	2.9	0.9	0.3	0.3
- OTHER	1.5	1.6	1.0	3.0	2.5	2.7	4.0
NOILS & GARNETTED FIBERS	+	+	+	0.1	0.1	0.2	0.4
OTHER WASTE, ADVANCED	1.2	1.0	0.6	0.6	0.9	3.1	6.7
SUBTOTAL ABOVE	**26.0**	**21.1**	**21.7**	**50.0**	**37.8**	**46.1**	**50.6**
TOTAL FIBER ABOVE[b]	**205.9**	**111.1**	**95.7**	**157.3**	**133.5**	**218.5**	**299.2**
SEMIMANUFACTURES							
SLIVER, TOPS & ROVING	7.6	6.7	2.8	3.7	2.7	4.9	4.7
YARNS, THROWN OR PLIED	4.2	2.6	2.2	4.8	6.7	10.7	15.4
SPUN YARNS	45.4	25.6	22.9	23.5	26.5	39.0	46.3
SEWING THREAD & HANDWORK YARN	2.5	2.6	2.3	2.8	2.3	3.4	5.7
WOVEN FABRICS	87.8	64.6	67.3	95.4	93.3	123.2	154.9
NARROW FABRICS	9.4	9.0	8.1	8.7	10.1	12.7	12.4
KNIT FABRIC	12.4	8.0	6.0	2.2	2.3	2.2	3.0
SUBTOTAL ABOVE	**169.3**	**119.1**	**111.6**	**141.1**	**143.9**	**196.1**	**242.4**
TEXTILE GLASS FIBER	21.8	10.3	7.3	18.2	14.1	20.0	23.1
TOTAL SEMIMANUFACTURES ABOVE[c]	**191.1**	**129.4**	**118.9**	**159.3**	**158.0**	**216.1**	**265.5**
GRAND TOTAL ABOVE	**397.0**	**240.5**	**214.6**	**316.6**	**291.5**	**434.6**	**564.7**

a. Includes grouped filaments.

b. **SOURCE:** U.S. Bureau of the Census.

c. **SOURCE:** *Cotton and Wool Situation*, U.S. Department of Agriculture.

For imports of fiber, the data are taken from the monthly summaries in each ***Organon.*** A listing of the commodity numbers used may be found on page 196 of this issue under the monthly import table.

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UNIT PRODUCTION VERSUS FIBER CONSUMED

This survey shows the poundage of raw fiber which had to be put into process in order to manufacture end products. No direct comparison can be, or should be, made between the poundages of the fibers consumed, as recorded in the survey, and the finished or "shelf" weight of those end products by fiber.

Two reasons to avoid direct comparison are:

1. The variation in the weight per square yard of fabric made of the different fibers for the same end use. According to recent data collected by the U.S. Census Bureau, cotton fabrics averaged 7.0 square yards per pound and wool 0.6 square yards per pound. But for man made fiber, 100% filament yarn fabrics averaged 4.4 square yards per pound and spun yarn fabrics averaged 3.3 square yards per pound.

2. From these data, it is apparent that the "covering power" of fabrics made from the various fibers varies greatly. Hence, a simple comparison of poundages of fibers consumed would be misleading both because of the differences in fibers concerning covering power and the difference in typical fabric weights of products made of the various fibers, as described.

Continued on Page 185

TABLE 6a:
APPAREL[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
TOTAL APPAREL	**1978**	**5023.0**	**3201.2**	**227.6**	**79.0**	**1444.1**	**1450.5**	**1683.1**	**138.7**
	1979	**4825.5**	**2997.3**	**244.8**	**96.4**	**1358.7**	**1297.4**	**1696.2**	**132.0**
	1980	**4728.3**	**2951.0**	**222.2**	**76.2**	**1306.2**	**1346.4**	**1651.9**	**125.4**
	1981	**4495.0**	**2751.5**	**194.3**	**115.0**	**1190.8**	**1251.4**	**1595.0**	**148.5**
	1982	**r4077.5**	**r2393.0**	**141.9**	**68.8**	**986.2**	**r1196.1**	**r1557.1**	**127.4**
	1983	**r4671.6**	**r2804.3**	**153.9**	**74.9**	**1210.3**	**r1365.2**	**r1714.3**	**153.0**
	1984	**4371.8**	**2509.8**	**153.5**	**86.1**	**1126.5**	**1143.7**	**1691.3**	**170.7**
40 SHEER HOSIERY (W)*	1978	60.9	60.9	--	--	60.9	--	--	--
	1979	66.1	66.1	--	--	66.1	--	--	--
	1980	70.7	67.8	--	--	67.8	--	2.9	--
	1981	76.4	69.9	--	--	69.9	--	6.5	--
	1982	r71.6	68.5	--	--	68.5	--	r3.1	--
	1983	r80.7	77.2	--	--	77.2	--	r3.5	--
	1984	86.0	82.6	--	--	82.6	--	3.4	--
19 41 ANKLETS & SOCKS (MW)*	1978	178.5	136.3	--	-0.3	56.0	80.0	40.2	2.0
	1979	167.1	131.4	--	0.5	52.7	78.2	33.2	2.5
	1980	186.4	151.9	--	0.5	56.9	94.5	32.1	2.4
	1981	190.8	149.1	--	0.7	60.3	88.1	38.9	2.8
	1982	r172.9	r139.8	--	0.4	51.7	r87.7	30.6	2.5
	1983	r195.2	r152.6	--	0.5	65.0	r87.1	r39.6	3.0
	1984	180.1	131.5	--	0.5	59.5	71.5	45.2	3.4
8 29 SWEATERS & RELATED ACCESSORIES (MW)*	1978	145.4	126.2	--	0.7	10.1	115.4	7.5	11.7
	1979	124.8	103.9	--	0.7	10.2	93.0	6.6	14.3
	1980	137.3	115.8	--	0.7	12.6	103.1	7.9	13.6
	1981	140.0	113.8	--	0.6	0.9	112.3	10.1	16.1
	1982	r119.5	92.7	--	1.0	1.4	90.3	r11.8	15.0
	1983	r141.6	104.8	--	1.2	0.4	103.2	r18.8	18.0
	1984	158.1	113.7	--	1.2	0.5	112.0	24.4	20.0
57 CRAFT & HANDWORK YARNS*	1978	130.8	125.0	--	1.7	c	123.3	3.8	2.0
	1979	129.0	121.1	--	0.9	c	120.2	3.7	4.2
	1980	126.0	118.7	c	0.2	c	118.5	3.3	4.0
	1981	100.6	92.9	--	0.7	c	92.2	3.0	4.7
	1982	r100.2	91.9	--	0.6	--	91.3	r3.8	4.5
	1983	r106.0	97.4	--	0.1	--	97.3	r3.9	4.7
	1984	90.8	82.1	--	0.8	--	81.3	3.4	5.3
16-18 UNDERWEAR & NIGHTWEAR (M)*	1978	254.7	74.6	--	0.3	14.6	59.7	179.1	1.0
	1979	257.6	86.3	--	0.8	21.3	64.2	170.3	1.0
	1980	250.9	104.0	--	0.8	26.2	77.0	145.9	1.0
	1981	225.5	84.9	--	1.1	20.9	62.9	139.4	1.2
	1982	r226.0	79.6	--	--	16.3	63.3	r145.4	1.0
	1983	r255.6	96.8	--	--	14.5	82.3	r157.8	1.0
SILK	1984	247.7	90.5	--	--	9.9	80.6	156.2	1.0
35-39 UNDERWEAR, NIGHTWEAR, BRAS AND FOUNDATIONS (W)*	1978	258.7	190.3	14.7	3.2	141.7	30.7	67.4	1.0
	1979	240.8	184.1	18.7	2.1	137.5	25.8	55.7	1.0
	1980	209.9	169.0	19.7	0.6	117.0	31.7	39.9	1.0
	1981	202.4	162.0	18.3	c	111.0	32.7	39.2	1.2
	1982	r176.7	136.1	10.9	--	89.4	35.8	r39.6	1.0
	1983	r196.9	153.0	12.5	--	105.0	35.5	r42.9	1.0
SILK	1984	180.3	130.7	8.6	--	99.9	22.2	48.6	1.0
10 31 ROBES & LOUNGEWEAR (MW)*	1978	133.0	111.1	70.3	c	33.7	7.1	19.9	2.0
	1979	134.2	110.8	60.5	0.9	36.2	13.2	20.9	2.5
	1980	145.7	126.3	63.0	0.4	38.0	24.9	17.0	2.4
	1981	119.3	102.5	44.6	0.2	33.5	24.2	14.0	2.8
	1982	r84.3	67.4	34.5	--	23.7	9.2	r14.6	2.3
	1983	r92.8	74.8	39.0	--	22.9	12.9	r15.4	2.6
SILK	1984	99.2	79.6	41.5	--	23.7	14.4	16.7	2.9

a. For all lettered and general footnotes to this table and the Home Furnishings and Industrial & Other Consumer-Type Products tables, please see page 190.

TABLE 6b:
APPAREL[a] *(Continued)*

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
54a HIGH PILE FABRICS	1978	115.7	115.7		--	10.5	105.2	--	--
	1979	103.0	103.0	c	0.4	13.5	89.1	--	--
	1980	100.4	100.4	--	0.1	14.3	86.0	--	--
	1981	78.6	78.6	--	0.3	13.1	65.2	--	--
	1982	64.1	64.1	--	--	7.0	57.1	--	--
	1983	73.8	73.8	--	0.6	15.5	57.7	--	--
	1984	61.4	61.4	--	0.3	9.7	51.4	--	--
54b FABRICS FOR LINING*	1978	218.7	150.1	92.3	6.6	23.8	27.4	65.6	3.0
	1979	206.7	146.4	86.8	8.7	24.0	26.9	57.8	2.5
	1980	182.6	123.6	78.0	7.5	17.0	21.1	56.6	2.4
	1981	199.0	144.7	92.7	3.4	19.2	29.4	51.5	2.8
	1982	r 146.6	100.6	70.1	1.0	15.7	13.8	r 43.5	2.5
	1983	r 144.8	99.7	66.7	1.0	24.0	8.0	r 42.2	2.9
	1984	152.4	109.6	79.8	1.9	21.7	6.2	39.6	3.2
43 APPAREL LACE (W)*	1978	10.0	8.5	3.7	--	4.8	--	1.5	--
	1979	6.8	5.3	1.7	--	3.6	--	1.5	--
	1980	6.7	5.2	--	--	5.2	--	1.5	--
	1981	8.0	6.5	--	--	6.5	--	1.5	--
	1982	8.7	7.2	--	--	7.2	--	1.5	--
	1983	8.4	6.9	--	--	6.9	--	1.5	--
	1984	5.5	4.0	--	--	4.0	--	1.5	--
55 RETAIL PIECE GOODS*	1978	405.5	291.0	5.0	5.0	161.0	120.0	110.5	4.0
	1979	348.0	250.0	4.0	4.0	121.0	121.0	94.0	4.0
	1980	316.7	230.0	3.0	3.0	102.0	122.0	83.7	3.0
	1981	310.5	229.5	2.5	2.0	97.0	128.0	77.4	3.6
	1982	288.8	217.3	3.5	1.8	83.0	129.0	68.3	3.2
	1983	r 282.0	210.6	3.0	1.5	81.1	125.0	r 68.2	3.2
	1984	246.4	175.3	2.9	1.4	70.0	101.0	67.5	3.6
56a NARROW FABRICS*	1978	54.9	29.9	5.6	0.2	16.0	8.1	25.0	--
	1979	48.4	25.4	5.1	0.4	13.1	6.8	23.0	--
	1980	52.8	29.6	7.5	0.3	17.2	4.6	23.2	--
	1981	46.6	21.6	5.2	--	14.0	2.4	25.0	--
	1982	40.8	17.8	0.9	--	15.3	1.6	23.0	--
	1983	49.7	24.7	1.7	--	20.8	2.2	25.0	--
	1984	47.9	21.8	0.7	--	19.0	2.1	26.1	--
TOPWEIGHT FABRICS*	1978	1041.3	689.0	24.0	42.0	263.0	360.0	349.8	2.5
	1979	1048.6	686.0	42.0	49.0	265.0	330.0	360.1	2.5
	1980	1008.7	633.0	32.0	41.0	250.0	310.0	373.3	2.4
	1981	936.5	558.0	20.0	70.0	188.0	280.0	375.7	2.8
	1982	r 874.2	456.0	14.0	40.0	122.0	280.0	r 416.1	2.1
	1983	r 1023.8	587.0	23.0	40.0	174.0	350.0	r 433.8	3.0
	1984	909.9	460.0	17.0	45.0	143.0	255.0	446.5	3.4
BOTTOMWEIGHT FABRICS*	1978	1931.8	1088.0	12.0	19.0	647.0	410.0	734.3	109.5
	1979	1860.3	966.0	26.0	28.0	592.0	320.0	796.8	97.5
	1980	1860.6	970.0	19.0	21.0	580.0	350.0	797.4	93.2
	1981	1788.0	926.0	11.0	31.0	554.0	330.0	751.5	110.5
	1982	r 1653.0	844.0	8.0	21.0	482.0	333.0	r 715.7	93.3
	1983	r 1976.7	1038.0	8.0	30.0	600.0	400.0	825.1	113.6
	1984	1856.3	960.0	3.0	35.0	580.0	342.0	769.4	126.9
OTHER APPAREL & ACCESSORIES (MW)*	1978	83.1	4.6	--	c	1.0	3.6	78.5	c
	1979	84.1	11.5	--	c	2.5	9.0	72.6	c
	1980	72.9	5.7	--	0.7	2.0	3.0	67.2	c
	1981	72.8	11.5	--	5.0	2.5	4.0	61.3	c
	1982	r 50.1	10.0	--	3.0	3.0	4.0	r 40.1	c
	1983	r 43.6	7.0	--	--	3.0	4.0	r 36.6	c
SILK, LINEN	1984	49.8	7.0	--	--	3.0	4.0	42.8	c

Most of the above data are taken from the Textile Economics Bureau's publication ***Man-Made Fiber Producers' Handbook***.

TABLE 7a:
HOME FURNISHINGS[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
				CELLULOSIC		NONCELL.			
			TOTAL	YARN	STAPLE	YARN	STAPLE		
TOTAL HOME FURNISHINGS	1978	3995.7	3097.4	56.3	182.1	1160.2	1698.8	863.0	35.3
	1979	4091.7	3216.8	48.1	146.3	1244.0	1778.4	848.0	26.9
	1980	3656.0	2828.3	47.3	122.4	1189.2	1469.4	801.9	25.8
	1981	3522.2	2749.0	35.7	119.5	1117.3	1476.5	744.5	28.7
GLASS: 1978-1984	1982	r3144.7	r2442.9	26.0	r78.4	1013.3	1325.2	r675.8	26.0
16.6 15.4 12.5	1983	r3939.7	r3107.0	27.7	r106.9	r1319.2	1653.2	r800.7	32.0
12.7 8.8 13.7 14.5	1984	4075.9	3225.3	27.5	106.8	1421.2	1669.8	814.9	35.7
45 BEDSPREADS & QUILTS*	1978	138.2	74.5	3.5	6.0	25.0	40.0	63.7	--
	1979	137.3	76.5	3.0	3.0	23.5	47.0	60.8	--
	1980	128.2	73.0	5.4	2.1	15.5	50.0	55.2	--
	1981	132.3	82.6	4.9	3.1	15.7	58.9	49.7	--
	1982	123.3	76.7	3.6	2.4	14.0	56.5	46.6	--
	1983	r139.5	91.4	6.0	6.2	16.0	63.2	r48.1	--
	1984	129.3	81.2	4.0	6.0	15.2	56.0	48.1	--
46 BLANKETS & BLANKETING*	1978	129.2	114.7	0.1	2.0	4.7	107.9	8.5	6.0
	1979	112.1	100.3	0.1	2.0	4.1	94.1	7.3	4.5
	1980	109.1	97.2	--	2.0	3.5	91.7	7.9	4.0
	1981	90.5	78.9	--	0.9	3.5	74.5	7.1	4.5
	1982	79.2	68.0	--	c	2.5	65.5	7.2	4.0
	1983	r72.6	57.2	--	c	1.0	56.2	r10.9	4.5
	1984	67.0	50.9	--	0.2	1.0	49.7	11.1	5.0
47 SHEETS & OTHER BEDDING*	1978	506.8	237.4	2.4	13.6	18.1	203.3	269.4	--
	1979	508.5	254.1	3.0	9.0	22.2	219.9	254.4	--
	1980	507.9	263.6	2.3	9.4	25.9	226.2	244.1	--
	1981	512.1	299.5	2.6	13.8	34.0	249.1	212.6	--
	1982	424.5	243.4	3.9	10.6	43.2	185.7	181.1	--
	1983	r511.7	299.3	0.5	11.6	79.6	207.6	r212.4	--
LINEN	1984	516.8	300.0	0.5	15.0	75.7	208.8	216.8	--
48 TOWELS & TOWELING*	1978	308.2	27.9	--	0.5	--	27.4	280.3	--
	1979	334.3	34.3	--	0.5	c	33.8	300.0	--
	1980	328.5	35.3	--	0.9	c	34.4	293.2	--
	1981	326.7	32.6	--	0.9	0.3	31.4	294.1	--
	1982	306.6	28.7	--	0.6	0.8	27.3	277.9	--
	1983	r378.9	36.0	--	0.3	1.7	34.0	r342.9	--
LINEN NAME	1984	361.5	30.3	--	0.7	0.6	29.0	331.2	--
56b NARROW FABRICS*	1978	7.2	2.5	1.4	--	0.8	0.3	4.7	--
	1979	6.2	1.9	0.6	--	0.9	0.4	4.3	--
	1980	5.3	1.4	0.2	0.1	0.6	0.5	3.9	--
	1981	6.1	2.3	--	--	0.9	1.4	3.8	--
	1982	5.0	1.8	--	--	0.4	1.4	3.2	--
	1983	5.8	2.1	--	--	0.3	1.8	3.7	--
	1984	4.3	0.5	--	--	c	0.5	3.8	--

a. For all lettered and general footnotes to this table and the Home Furnishings and Industrial & Other Consumer-Type Products tables, please see pages 191

Continued from Page 182

LIMITATIONS OF THE SURVEY RESULTS

The statistical results of an end use survey can be only approximations at best. But when the data are viewed as one fiber relative to another, and not as absolute values, then they may be regarded as measuring the long term trend results of competition between the fibers.

An additional note, the data are given in millions of pounds and include one decimal place to show hundred thousand pounds. This device is employed not to show great accuracy, but rather to take into account some small poundages of fibers in such end uses as Apparel Lace (Item 42) and still allow the compilation to add arithmetically.

TABLE 7b:
HOME FURNISHINGS® *(Continued)*

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS*					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
50 TOTAL CARPETS & RUGS*	1978	2178.1	2149.1	--	0.9	970.4	1177.8	15.8	13.2
	1979	2270.7	2243.2	--	0.6	1038.5	1204.1	16.6	10.9
	1980	1926.0	1900.7	--	0.7	1001.8	898.7	14.9	10.4
STEEL	1981	1837.5	1814.0	--	0.3	918.4	895.3	12.0	11.5
SEE DETAIL IN	1982	r1711.0	1690.1	--	0.7	834.2	855.2	r10.4	10.5
ITEMS 50a & b	1983	r2204.1	2179.9	--	0.6	1064.6	1114.7	r11.3	12.9
FOLLOWING	1984	2287.7	2258.4	--	0.7	1162.1	1095.6	14.9	14.4
50a FACE YARNS*	1978	1938.1	1921.7	--	0.9	756.7	1164.1	3.2	13.2
	1979	2009.0	1994.4	--	0.6	817.8	1176.0	3.7	10.9
	1980	1683.1	1672.7	--	0.2	804.0	868.5	3.0	10.4
	1981	1603.6	1586.9	--	0.3	723.1	863.5	5.2	11.5
NON ADD	1982	r1486.2	1470.9	--	0.7	649.5	820.7	r4.8	10.5
SEE DETAIL	1983	r1961	r1941.1	--	r0.6	865.8	1074.7	r6.9	12.9
IN FOOTNOTE	1984	19..	1954.5	--	0.7	934.3	1019.5	7.6	14.4
50b BACKING*	1978	24..	227.4	--	--	213.7	13.7	12.6	--
	1979	261..	248.6	--	--	220.7	28.1	12.9	--
	1980	239.9	228.0	--	--	197.8	30.2	11.9	--
	1981	23..	227.1	--	--	195.3	31.8	6.8	--
GLASS JUTE PAPER	1982	r224..	219.2	--	--	184.7	34.5	r5.6	--
NON ADD	1983	r243.2	238.8	--	--	198.8	40.0	r4.4	--
SEE ITEM 50	1984	311.2	303.9	--	--	227.8	76.1	7.3	--
51 CURTAINS*	1978	88.7	78.2	3.8	19.1	25.5	29.8	10.5	--
ALSO SEE ITEM 52	1979	72.9	62.3	1.4	10.6	23.7	26.6	10.6	--
	1980	89.5	80.1	4.0	7.5	28.4	40.2	9.4	--
	1981	82.2	73.4	5.6	6.8	25.2	35.8	8.8	--
GLASS 1978-1984	1982	61.3	53.3	1.2	5.3	18.3	28.4	8.0	--
51,52,53	1983	r77.1	r68.6	1.2	10.4	r25.5	31.5	8.5	--
51,52,53	1984	100.8	91.2	1.0	9.8	33.1	47.3	9.6	--
52 DRAPERY & UPHOLSTERY*	1978	587.2	390.3	42.5	138.0	103.4	106.4	180.8	16.1
	1979	575.8	398.5	37.5	115.0	112.6	133.4	165.8	11.5
	1980	487.9	328.8	34.1	94.4	94.7	105.6	147.7	11.4
SILK LINEN BURLAP	1981	468.0	322.7	21.4	91.4	103.5	106.4	132.6	12.7
GLASS 1978-1984	1982	376.5	245.2	15.9	57.7	79.4	92.2	119.8	11.5
52,53,54	1983	r469.8	315.3	17.7	76.9	104.3	116.4	r139.9	14.6
52,53,54,40	1984	500.0	327.8	19.3	73.4	87.3	147.3	155.9	16.3
OTHER HOME FURNISHINGS*	1978	52.1	22.8	2.6	2.0	12.3	5.9	29.3	--
	1979	73.9	45.7	2.5	5.6	18.5	19.1	28.2	--
	1980	73.4	48.0	1.3	5.8	18.8	22.1	25.6	--
LINEN	1981	66.8	43.0	1.2	2.3	15.8	23.7	23.8	--
GLASS 1978-1984	1982	57.3	35.7	1.1	1.1	20.5	13.0	21.6	--
85,86,89	1983	r80.2	57.2	2.3	0.9	26.2	27.8	r23.0	--
85,86,89,40	1984	108.5	85.0	2.7	1.0	46.2	35.1	23.5	--

Noncellulosic yarn includes textile glass.

Most of the above data are taken from the Textile Economics Bureau's publication ***Man-Made Fiber Producers' Handbook***.

TABLE 8a:
INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
TOTAL INDUSTRIAL & OTHER CONSUMER	**1978**	**3334.2**	**2853.4**	**66.7**	**234.8**	**1914.8**	**637.1**	**471.8**	**9.0**
	1979	**3485.7**	**3015.6**	**50.4**	**220.5**	**2019.7**	**725.0**	**461.6**	**8.5**
	1980	**3109.1**	**2686.1**	**39.8**	**209.2**	**1804.8**	**632.3**	**412.3**	**10.7**
[illegible]	**1981**	**3347.5**	**2931.8**	**41.4**	**186.8**	**2027.6**	**674.0**	**403.9**	**11.8**
[illegible]	**1982**	**r2980.6**	**2593.2**	**30.1**	**165.2**	**1759.4**	**638.5**	**r377.1**	**10.3**
[illegible]	**1983**	**r3629.8**	**3228.5**	**22.5**	**173.3**	**r2177.4**	**855.3**	**r387.3**	**14.0**
[illegible]	**1984**	**3754.3**	**3344.4**	**27.9**	**159.4**	**2234.4**	**922.7**	**388.9**	**21.0**
56: NARROW FABRICS*	1978	95.1	77.8	0.3	0.3	75.7	0.3	17.3	--
	1979	95.2	79.5	0.2	c	79.0	0.3	15.7	--
	1980	86.7	71.9	1.0	--	68.1	2.8	14.8	--
	1981	91.5	77.8	3.4	--	74.0	0.4	13.7	--
	1982	87.4	74.9	3.1	--	70.5	1.3	12.5	--
	1983	100.8	88.8	1.0	--	86.6	1.2	12.0	--
SILK, LINEN	1984	110.9	98.1	0.9	--	96.9	0.3	12.8	--
61: MEDICAL, SURGICAL & SANITARY*	1978	325.3	230.0	--	165.0	23.5	41.5	95.3	--
	1979	359.0	259.9	--	155.0	24.5	80.4	99.1	--
	1980	343.3	253.2	--	141.7	31.6	79.9	90.1	--
	1981	336.2	248.5	--	122.1	38.1	88.3	87.7	--
	1982	324.8	234.6	--	106.2	39.9	88.5	90.2	--
	1983	r339.2	250.3	--	114.3	46.5	89.5	r88.9	--
	1984	333.2	241.6	--	116.1	54.0	71.5	91.6	--
63-64 TRANSPORTATION FABRIC*	1978	66.4	45.4	2.9	6.5	16.4	19.6	21.0	--
	1979	59.0	42.5	0.6	2.9	18.8	20.2	16.5	--
	1980	48.5	37.8	--	1.1	16.5	20.2	10.7	--
	1981	62.6	52.8	--	0.5	27.2	30.1	9.8	--
	1982	47.6	38.7	--	1.4	22.8	14.5	8.9	--
	1983	r63.6	53.5	--	0.6	32.3	20.6	r10.1	--
	1984	73.1	61.4	--	1.1	36.5	23.8	11.7	--
65: TIRES*	1978	595.5	589.6	37.0	--	552.6	--	5.9	--
	1979	572.1	565.9	25.7	--	540.2	--	6.2	--
	1980	418.4	413.0	20.5	--	392.5	--	5.4	--
STEEL: SEE FOOTNOTE	1981	428.8	424.1	18.9	--	405.2	--	4.7	--
GLASS: 1978-1984	1982	359.1	355.2	12.5	--	342.7	--	3.9	--
[illegible]	1983	360.0	356.0	11.0	--	345.0	--	4.0	--
[illegible]	1984	393.8	389.6	14.0	--	375.6	--	4.2	--
66: HOSE*	1978	48.5	43.5	16.0	--	18.5	9.0	5.0	--
	1979	52.5	47.2	15.5	--	19.9	11.8	5.3	--
	1980	43.2	38.7	11.9	--	18.3	8.5	4.5	--
	1981	47.3	42.9	11.5	--	21.7	9.7	4.4	--
	1982	28.8	26.3	7.0	--	15.5	3.8	2.5	--
	1983	r27.7	r24.8	6.5	--	r15.7	2.6	r2.9	--
LINEN	1984	32.9	30.1	8.0	--	19.5	2.6	2.8	--
67: BELTING*	1978	70.8	57.4	2.0	0.2	37.1	18.1	13.4	--
	1979	91.6	75.9	1.7	0.2	44.7	29.3	15.7	--
	1980	62.4	50.5	1.0	0.7	34.5	14.3	11.9	--
	1981	66.6	54.1	2.4	1.0	37.7	13.0	12.5	--
GLASS: 1978-1984	1982	r48.3	37.8	1.8	0.5	26.7	8.8	r10.5	--
[illegible]	1983	r54.0	44.5	1.9	--	28.0	14.6	r9.5	--
[illegible]	1984	60.1	50.7	3.0	--	31.4	16.3	9.4	--
69, 77: ELECTRICAL & REINFORCED PLASTICS*	1978	645.2	620.2	c	--	620.0	0.2	25.0	--
	1979	679.6	654.6	0.2	--	654.2	0.2	25.0	--
	1980	593.4	568.4	--	--	568.4	c	25.0	--
SILK, LINEN, JUTE	1981	613.4	588.4	c	--	588.3	0.1	25.0	--
GLASS: 1978-1984	1982	486.8	461.8	--	--	461.8	c	25.0	--
[illegible]	1983	662.6	637.6	--	--	637.6	c	25.0	--
[illegible]	1984	735.3	710.3	0.2	--	710.1	c	25.0	--
70: FELTS*	1978	25.3	15.8	--	6.1	2.3	7.4	1.5	8.0
	1979	26.5	17.6	--	5.3	5.2	7.1	1.4	7.5
	1980	28.1	17.0	--	3.4	4.8	8.8	1.4	9.7
	1981	27.0	14.8	--	4.0	5.2	5.6	1.4	10.8
	1982	20.2	9.6	--	--	4.6	5.0	1.3	9.3
	1983	27.0	12.7	--	3.5	3.9	5.3	1.3	13.0
	1984	34.9	13.5	--	3.5	4.0	6.0	1.4	20.0

a. For all lettered and general footnotes to this table, please see page 192

TABLE 6b:
INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS*
(Continued)

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS†					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
71 FILTRATION*	1978	44.6	38.5	—	4.4	8.8	25.3	6.1	—
CIGARETTE FILTRATION	1979	46.0	40.8	—	3.3	10.5	27.0	5.2	—
	1980	47.8	42.2	—	4.0	8.4	29.8	5.6	—
	1981	39.6	34.0	—	4.1	10.1	19.8	5.6	—
[illegible]	1982	35.9	30.9	—	3.7	9.6	17.6	5.0	—
[illegible]	1983	39.2	34.0	—	1.3	8.8	23.9	5.2	—
[illegible]	1984	39.3	34.5	—	3.3	9.8	21.4	4.8	—
72 SEWING THREAD*	1978	116.6	61.4	0.2	4.3	42.2	14.7	55.2	—
	1979	111.3	62.6	0.1	3.7	45.7	13.1	48.7	—
	1980	111.9	64.7	c	5.6	46.2	12.9	47.2	—
	1981	135.2	73.7	c	8.0	49.5	16.2	61.5	—
	1982	r114.2	60.6	c	7.1	40.0	13.5	r53.6	—
	1983	r133.7	76.3	c	7.6	50.0	18.7	r57.4	—
SILK, LINEN	1984	123.5	72.2	c	5.2	51.1	15.9	51.3	—
73 ROPE, CORDAGE, FISHLINE, ETC.*	1978	171.5	140.1	2.0	1.0	126.4	10.7	31.4	—
	1979	163.9	154.1	1.0	2.1	147.1	3.9	29.7	—
	1980	161.7	134.6	0.8	0.9	130.6	2.3	27.1	—
	1981	172.4	148.2	1.8	0.7	137.4	8.3	24.2	—
	1982	162.5	139.3	1.0	0.8	126.6	10.9	23.2	—
SISAL, LINEN	1983	r175.4	152.2	0.8	0.6	138.3	12.5	r23.2	—
JUTE, SILK	1984	182.5	170.9	1.0	0.3	157.1	12.5	21.6	—
74 BAGS & BAGGING*	1978	51.8	44.5	—	—	44.5	—	7.3	—
	1979	62.2	55.0	—	—	53.6	1.4	7.2	—
	1980	67.2	60.4	—	—	60.4	—	6.8	—
	1981	68.2	61.6	—	—	61.6	—	6.6	—
	1982	68.8	62.6	—	—	62.6	—	6.2	—
	1983	r75.1	r69.5	—	—	67.5	r2.0	5.6	—
JUTE	1984	46.6	41.3	—	—	40.5	0.8	5.3	—
75 COATED & PROTECTIVE FABRICS*	1978	170.3	107.4	—	10.6	36.8	60.0	62.9	—
	1979	167.3	113.8	0.1	10.2	40.9	62.6	53.5	—
	1980	175.7	124.2	0.5	10.5	33.3	79.9	51.5	—
	1981	173.0	124.7	—	10.4	33.1	81.2	48.3	—
[illegible]	1982	164.7	120.4	—	7.1	42.3	71.0	44.3	—
[illegible]	1983	r231.7	181.9	—	10.6	50.2	121.1	r49.8	—
[illegible]	1984	255.0	196.2	—	10.5	59.0	126.7	58.8	—
76 PAPER & TAPE REINFORCING*	1978	52.0	45.4	1.5	3.0	40.4	0.5	6.6	—
	1979	46.7	41.6	1.2	c	40.0	0.4	5.1	—
	1980	40.7	36.2	1.3	c	34.7	0.2	4.5	—
JUTE	1981	41.8	38.0	c	0.9	36.6	0.5	3.8	—
GLASS, TAPE, YARN	1982	36.1	33.1	c	0.9	29.9	2.3	3.0	—
[illegible]	1983	39.2	35.8	c	0.4	34.1	1.3	3.4	—
[illegible]	1984	47.1	43.4	0.3	0.4	39.7	4.0	3.7	—
79a FIBERFILL STUFFING & FLOCK*	1978	268.1	268.1	—	4.8	—	263.3	—	—
	1979	311.2	311.2	—	5.5	—	305.7	—	—
	1980	254.9	254.9	—	6.3	—	248.6	—	—
	1981	293.5	293.5	—	10.7	—	282.8	—	—
	1982	277.2	277.2	—	7.2	—	270.0	—	—
	1983	331.7	331.7	—	7.4	—	324.3	—	—
	1984	321.4	321.4	—	4.1	—	317.3	—	—
79h UNALLOCATED NONWOVENS*	1978	96.7	96.7	—	10.9	—	85.8	—	—
	1979	120.0	120.0	—	14.8	—	105.2	—	—
	1980	95.4	95.4	—	14.1	—	81.3	—	—
	1981	81.6	81.6	—	12.0	—	69.6	—	—
	1982	90.4	90.4	—	9.2	—	81.2	—	—
	1983	136.6	136.6	—	6.9	—	129.7	—	—
	1984	189.2	189.2	—	3.0	—	186.2	—	—
MISCELLANEOUS INDUSTRIAL & CONSUMER-TYPE PRODUCTS*	1978	480.5	371.6	4.8	17.5	268.5	80.7	117.9	1.0
	1979	501.7	373.4	4.1	17.5	295.4	56.4	127.3	1.0
	1980	529.8	423.0	2.8	20.9	356.5	42.8	105.8	1.0
	1981	668.8	573.1	3.4	14.4	506.9	48.4	94.7	1.0
GLASS, YARN, FIBER	1982	r627.8	539.8	4.7	21.1	463.9	50.1	r87.0	1.0
[illegible]	1983	r832.3	742.3	1.3	20.1	632.9	88.0	r89.0	1.0
[illegible]	1984	765.5	678.0	0.5	11.9	550.2	115.4	86.5	1.0

Noncellulosic yarn includes fiber glass.

Most of the above data are taken from the Textile Economics Bureau's publication ***Man-Made Fiber Producers' Handbook.***

TABLE 9:
EXPORTS OF DOMESTIC PRODUCTS[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
TOTAL EXPORTS OF DOMESTIC PRODUCTS	1978	448.8	225.2	22.0	21.5	76.0	105.7	219.8	3.8
	1979	620.4	313.4	21.0	12.0	128.6	151.8	301.3	5.7
	1980	617.5	351.8	20.0	10.8	141.0	180.0	259.3	6.4
	1981	489.9	318.6	17.2	10.3	121.0	170.1	165.8	5.5
	1982	r338.7	r217.5	11.7	6.9	82.5	r116.4	114.9	6.3
	1983	r281.6	r185.9	11.0	6.0	70.0	r98.9	90.6	5.1
	1984	279.6	190.9	9.4	6.1	73.0	102.4	84.5	4.1
80. YARN, THREAD, ETC.[c]	1978	72.3	37.7	e	3.5	e	34.2	32.0	2.6
	1979	94.2	55.8	e	4.0	e	51.8	34.2	4.2
	1980	105.1	53.3	e	3.3	e	50.0	47.0	4.8
	1981	103.9	62.2	e	3.9	e	58.3	38.1	3.6
	1982	r77.7	r42.7	e	2.5	e	r40.2	30.1	4.9
	1983	r72.5	r37.3	e	2.0	e	r35.3	31.2	4.0
	1984	61.0	38.3	e	2.6	e	35.7	20.0	2.7
81. WOVEN & KNIT FABRIC[d]	1978	376.5	187.5	22.0	18.0	76.0	71.5	187.8	1.2
	1979	526.2	257.6	21.0	8.0	128.6	100.0	267.1	1.5
	1980	512.4	298.5	20.0	7.5	141.0	130.0	212.3	1.6
	1981	386.0	256.4	17.2	6.4	121.0	111.8	127.7	1.9
	1982	261.0	174.8	11.7	4.4	82.5	76.2	84.8	1.4
	1983	209.1	148.6	11.0	4.0	70.0	63.6	59.4	1.1
	1984	218.5	152.6	9.4	3.5	73.0	66.7	64.5	1.4
82. TIRE CORD & CORD FABRIC[e]	1978								
	1979								
	1980		INCLUDED IN TIRES (END USE 65)						
	1981								
	1982								
	1983								
	1984								

a For all lettered and general footnotes to this table, please see page 190.

NOTES FOR EXPORT ITEMS ABOVE

For all lettered and general footnotes to this table, see page 190.

These exports do not duplicate the end use poundages that are reported in Items 1 through 79. Apparel items are not tabulated here because they already have been counted as the fabric was cut, i.e., they are counted only once regardless of the subsequent place of sale or consumer use.

Similarly, fabrics for blankets, sheets, upholstery & draperies, carpets, etc., are excluded since they are measured at the mill level as an end use.

The exports of man-made fiber filament yarn+monofilaments, staple, tow, etc., are not tabulated in this section because these products are not a factor in U.S. mill consumption.

On the other hand, the two export items are recorded because, while they were processed or fabricated in U.S. mills, they were exported before reaching the point at which end use is measured.

These data agree with the corresponding figures on page 45 of the March 1985 *Organon*, as revised.

80. YARN, THREAD, ETC: Consists of sliver, tops & roving; plied, thrown and spun yarn; sewing thread and handwork yarns; cotton twine and cordage; and advanced wool.

81. WOVEN & KNIT FABRIC: Consists of broad & narrow woven fabrics and knit cloth, except that cotton also includes table damask and tire cord & fabric. See footnote g on page 45 of the March 1985 *Organon*.

82. TIRE CORD & CORD FABRIC: Data shown in this series in previous *Organon* issues have been incorporated into Item 65, Tires. See footnote 65 on page 187.

GENERAL NOTES FOR END USE TABLES
ON PAGES 183-189

Units are in million pounds.

-- Means that little, or none, of the fiber is used.

* When an asterisk appears, there is a footnote at the end of the table.

● Means a significant revision in the 1978-1984 data series compared with the corresponding data shown in the September 1984 *Organon* issue. Earlier years' data on the new basis are not available.

a. This letter in the title of each table refers the reader to these notes.

b. Man made fiber end use in these tables is divided between Cellulosic (rayon+acetate fibers) and Noncellulosic (nylon, polyester, acrylic, olefin, saran, spandex and textile glass fiber.) Yarn includes monofilaments and olefin "yarn" also includes film fiber and spunbonded polypropylene. Staple includes tow & fiberfill; see Item 79a, Fiberfill, Stuffing & Flock and its footnote on page 188. All textile glass fiber is tabulated as yarn. Certain waste poundages, which are tabulated with staple, are included; see text on page 179.

The noncellulosic fibers included in this survey, for one or more years, are the acrylic, aramid, modacrylic, nylon, olefin (polyethylene & polypropylene), polyester, saran, spandex and vinyon fibers.

c. Means less than 50,000 pounds, i.e., nominal.

d. The staple data are tabulated in the yarn column.

e. The yarn data are tabulated in the staple column.

r. This datum shows a significant revision compared with the September 1984 *Organon* data.

When textile glass fiber is included in an end use, the word "Glass" appears in the lower left corner of the end use box, together with the annual consumption data for 1978-1984. These glass fiber poundages are included with noncellulosic yarn in that end use and in the section totals.

When silk, linen, jute, sisal, etc., are consumed in an end use, in addition to cotton, wool and the man made fibers, the fiber is named in the middle left of the end use box, but no poundage data for such fibers are included in either such end use or in the section totals.

As described in the footnotes to Items 54a and 54b above, apparel linings, pockets and such are tabulated in Items 54a and 54b and not with the applicable garments.

In the Apparel table, the sex and age classifications used are those of the U.S. Census Bureau. Thus **M** means Men's plus Boys' and **W** means all other persons, i.e., Women's, Misses', Juniors', Girls', Children's & Infants'.

NOTES FOR APPAREL ITEMS
PAGES 183-184.

For all lettered and general footnotes to this table, see notes above.

40. SHEER HOSIERY: includes pantyhose, stockings, body stockings, leotards & tights, sheer knee highs & anklets and support hose.

19, 41. ANKLETS & SOCKS: include footsocks, anklets, half hose, over the calf hosiery and nonsheer knee highs for all ages and both sexes. Also includes infants' and children's waist highs.

8, 29. SWEATERS (MW): Knitted sweater shirts, coats, jackets and related accessories. Also note Item 57.

57. CRAFT & HANDWORK YARNS: Yarn and thread for crocheting, darning, embroidery, mending, hand knitting, etc. Does not include sewing thread (Item 72). Olefin yarn for macramé is in Miscellaneous Industrial.

16-18. UNDERWEAR & NIGHTWEAR (M): Undershirts, shorts & briefs, sleep coats, pajamas, nightshirts, thermal underwear, etc.

35-39. UNDERWEAR, NIGHTWEAR, BRAS AND FOUNDATIONS: Underwear and nightwear component includes full and half slips, panties, petticoats, camisoles, vests, briefs and thermal underwear as well as nightgowns, sleep & lounging pajamas, sleep coats, peignoir & robe sets with nightgowns or pajamas, negligees and bedjackets. Also includes bodywear and all children's and infants' underwear & nightwear. **Excludes** the trim, elastic webbing, apparel lace, braid or narrow fabric used in these products.

The bras and foundations include corsets, girdles, combinations and one piece garments, garter belts, hose supporters, two way stretch and surgical & maternity foundation garments.

10, 31. ROBES & LOUNGEWEAR (MW): Men's & boys' beach & bathrobes, dressing gowns and smoking jackets, and women's beach & bathrobes and housecoats.

54a. HIGH PILE FABRICS: include all applications. End uses such as coatings, collar trims, linings, backings and paint rollers are included. Napped or brushed fabrics such as fleeces, velvets or corduroys are excluded.

54b. FABRICS FOR LINING: All man made fiber types except high pile fabrics (Item 54a), lining type fabrics sold as retail piece goods (see Item 55) and the lining components of shoes & slippers and luggage and handbags (Miscellaneous Other ConsumerType). The apparel lining component of this series includes main linings, interlinings, zip in linings (except pile), linings for pockets and waistbands as well as the acetate and nylon tricot used for laminating. Cotton drapery linings are not included here but are in Item 52. Also not included are interlinings of haircloth, urethane and nonwoven fabrics.

43. APPAREL LACE: Nets and veilings.

55. RETAIL PIECE GOODS: Mainly women's apparel type fabrics but all other types of apparel fabrics are included in addition to fabrics destined for apparel linings and home furnishings application.

56a. NARROW FABRICS; ELASTIC AND NONELASTIC TYPES. The "narrow woven goods" made by slicing thermoplastic fiber broad woven fabrics with a hot knife to produce fused edge narrow fabrics are not included here. **NARROW FABRIC** poundages for home furnishings and industrial uses are shown in those sections.

TOPWEIGHT FABRICS: All shirts, blouses, lightweight dress and other lightweight fabrics. The fabrics generally weigh 5.0 ounces or less per square yard. Retail piece goods are in Item 55.

BOTTOMWEIGHT FABRICS: Pants, sportswear, tailored clothing, career apparel and other heavier weight fabrics. The fabrics generally weigh more than 5.0 ounces per square yard. Retail piece goods are in Item 55.

OTHER APPAREL: Men's & women's work gloves and handkerchiefs. Man made fiber used for knitted accessories such as scarves, mufflers, gloves, caps, etc., is in Items 8 & 29.

NOTES FOR HOME FURNISHING ITEMS
PAGES 185-186

For all lettered and general footnotes to this table, see page 190.

HOME FURNISHINGS: Data cover the use of each item not only in homes, but also in offices, hotels, institutions, etc. For certain transportation uses, note Items 50a, 63 & 64.

None of the poundages tabulated include any cotton stuffing or filling materials in items such as furniture, pillows, mattresses, comforters & quilts, sleeping bags, seat padding, etc. For the man made fibers, however, stuffing & fiberfill is tabulated in the Industrial section. Note text page 179 regarding the inclusion of certain man made fiber waste poundages here. Certain felt poundages are in Item 70.

45. BEDSPREADS: Tailored & throw spreads, both tufted & woven, as well as the backing. **QUILTS:** Comforters and their outer shell; quilted pads are in Item 47.

46. BLANKETS & BLANKETING: Woven, knitted, needle punched and flocked full size and crib blankets and electric blanket shells, as well as the woven acetate or nylon filament yarn bindings thereof. Sizable poundages of rayon, acrylic, nylon & wool waste are included here.

47. SHEETS: Pillowcases. **OTHER BEDDING:** Outside cover of quilted pads, mattress pads, mattresses & innersprings, civilian cots and sleeping bags. Mattress felts are in Item 70. The man made staple poundages here are mainly polyester for sheets and rayon & polyester for bed ticking. The man made filament is chiefly polyester for bed ticking.

48. TOWELS & TOWELING: Woven hand, bath, dish towels, etc. Nonwoven towels, such as "Handi wipes" and industrial wiping cloths, are in Item 61. The large cotton waste poundage used in these products is not included.

56b. NARROW FABRICS: Only home furnishings applications. See the Apparel and Industrial sections for Narrow Fabrics in those applications.

50. CARPETS & RUGS FACE FIBER (TOTAL): Sum of 50a & 50b.

50a. FACE YARNS: Tufted, woven, knitted and needle punched types. Tufted includes broadloom & roll goods, transportation carpeting, scatter rugs, bath mats and "grass." Woven includes carpets such as Axminster, Velvet, Wilton, etc. Knit goods are mainly scatter rugs. Needle punched are the indoor outdoor carpets. Item 50a does not include braided, hooked or woven twisted paper carpets.

50b. CARPET BACKING FIBERS: The Cellulosic Yarn is industrial rayon used for woven carpet chain warps. The Other Yarn is olefin (monofil+film fiber+spunbonded) and small poundages of nylon & polyester filament yarn. The Other Staple is olefin only.

The substantial poundages of jute used as woven primary & secondary carpet backing, as well as the jute yarn used in the warp of woven carpets, are not tabulated in Item 50b. Nor does it include the poundages of wool, hair and jute used in carpet and rug pads and cushions.

51. CURTAINS: Lace and other types (principally woven), i.e., cafe, tiered & cottage; ruffled; shortie drapes and tailored. Shower curtains are in Other Home Furnishings.

52. DRAPERY & UPHOLSTERY: Furniture slipcovers and vinyl coated cotton fabrics for upholstery. The olefin & saran webbing for outdoor furniture is included under Narrow Woven Industrial (Item 56c). Also includes the backing & headers of drapery fabrics. The cotton data include cotton drapery linings.

OTHER HOME FURNISHINGS: Woven & lace napery, such as tablecloths & napkins, doilies, etc., as well as the cotton in window shades. For the man made fibers, it includes insect screening & netting. Wall covering fabric is in Miscellaneous Industrial.

For all lettered and general footnotes to this table, see page 190.

56c. NARROW FABRICS: Woven labels, industrial webbing, shoelaces, tapes (venetian blinds & industrial), transportation seat belts, auto windlace, channeling & trim, and outdoor furniture webs. These figures exclude transmission & conveyor belting (in Item 67), friction tape and the braided narrow fabric used in electrical applications (in Item 69), and gummed cotton tape (in Item 76).

61. MEDICAL, SURGICAL & SANITARY: Bandages, gauzes, adhesive tapes & plasters, sanitary napkins & tampons, cotton diapers, rayon disposable diapers, surgical gowns and packs. Medical sutures are tabulated in Item 72. Surgical hosiery is in Items 19 & 40. Not included here is cotton waste & linters nor any nontextiles used for filling materials.

63 & 64. TRANSPORTATION FABRIC: Auto seat upholstery & slipcovers, sidewall, headlining (except textile glass in Item 77) and sheeting. The cotton poundages include the knit and woven fabric used as the backing for vinyl sheeting. The item includes convertible auto tops & replacements thereof, as well as upholstery used in other kinds of transportation, such as airplanes, railroad & subway cars, buses, etc. It does not include seat padding, transportation rugs (in Item 50), window channeling (in Item 56c), flocking, tassels, trim, etc., or the textile glass fiber used in reinforced plastic seating for subways, buses, etc. (in Item 77). Starting in 1978, the man made fiber used for substrates for automotive fabric is included in Item 75.

65. TIRES: All types, i.e., automobile, truck, tractor, off road, bicycle, etc. The data include tire cord & tire cord fabric, chafer and other tire components, i.e., flipper fabric, breaker strips, bead wraps, etc.

The data include imports of tire yarn, cord & fabric and also cover any poundages subsequently exported in cord or fabric form. The glass figures represent uncoated yarns.

The consumption of steel tire cord for the years 1978-1984 inclusive is estimated as follows: 182.0, 180.0, 142.0, 154.5, 159.8, 219.2 & 800.5. However, these poundages are **not included** in Item 65 above.

66. HOSE: Fire, chemical, fuel, etc. Does not include braided vacuum cleaner hose.

67. BELTING: Includes flat conveyor & transmission belts (both rubberized and nonrubberized) and V belts.

69 & 77. ELECTRICAL APPLICATIONS & REINFORCED PLASTICS: The cotton poundages are estimated.

Electrical Applications: Electric wire insulation & covering of all kinds plus friction tape and cable wrap, stuffing & identification. The total fiber consumed does not reflect the increased use of plastic and other nonfibrous coatings, of course.

Reinforced Plastics: High- and low-pressure laminates used in the manufacture of construction materials (corrugated & flat sheet, plumbing accessories, etc.), process equipment (tanks & containers, pipes, ducts, etc.), transportation uses (aircraft, autos, trucks, etc.) and marine, missiles, molded electrical parts, housing, seating, trays, etc. Flexible laminates of cotton are tabulated by end use, e.g., vinyl supported upholstery fabric in Item 63, etc.

70. FELTS: Wet & dry papermakers' felts, mattress felts and cushioning & wicking felts. Apparel felts (e.g., for shirts) are classified by apparel products. Patio and similar "felts" are in Item 50a. Laundry press pads and flatwork ironer pads are in Miscellaneous Industrial. The wool poundage includes some felts used in filtration (recorded here and not in Item 71), but excludes the substantial amounts used in pressed felts.

71. FILTRATION: Woven and nonwoven filters for wet & dry filtration, including tea bags. The small wool poundage used in the copper refining industry is included in Item 70.

The fiber used in cigarette filtration is **not included** in this end use or in the Industrial Uses totals.

72. SEWING THREAD: Home sewing and industrial & weight goods, as well as medical sutures.

73. ROPE (Braided & twisted); **CORDAGE** (under .5 10^-3 **FISHLINE, ETC.:** Includes hawsers, baler or harvest twine, clothesline, tying twine, etc., as well as fishnets, seines & netting twine.

74. BAGS & BAGGING: Man made Other Yarn is nylon mailbags plus olefin leno mesh & close woven bags, including sandbags; also includes olefin bagging for wool bales. Carpet backing bale wrap is in Other Industrial.

75. COATED & PROTECTIVE FABRICS: For the man made fibers, tents & tarpaulins, as well as the substrates for vinyl, rubber or urethane coating, lamination or impregnation. Examples of specific end uses covered include parachutes, deceleration chutes & tow targets; awnings, beach, garden & tractor umbrellas; inflatable dunnage & cushions; air supported structures & automotive air spring diaphragms and boat & pool covers.

The cotton poundages include awnings, boat covers, tarpaulins and tents. **Not included** here are the cotton poundages used for vinyl substrates, such poundages are tabulated with their appropriate end use, i.e., transportation upholstery (Items 63 & 64), upholstery (Item 52), etc. Man made fiber surfaces for recreational fields are not included in this survey.

76. PAPER & TAPE REINFORCING: Gummed and pressure-sensitive tape, as well as nonwoven bonded structures for paper, tape and ribbon reinforcing.

79a. FIBERFILL, STUFFING & FLOCK: All applications (apparel, home furnishings & industrial). Both graded fiber and waste are included. The consumption of polyester staple & tow in fiberfill for the years 1978-1984 inclusive was: 199.2, 240.8, 206.1, 228.5, 229.5, 276.5 & 277.7. For the same years, use of polyester waste for stuffing and filling materials was: 41.5, 45.4, 24.0, 20.7, 24.1 & 30.4.

79b. UNALLOCATED NONWOVENS: All nonwoven poundages remaining after the identifiable nonwoven end uses, such as medical, surgical & sanitary, filtration, coated & protective fabrics, and paper & tape reinforcing, have been calculated.

MISCELLANEOUS INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS: The cotton for abrasives, book binding, luggage & handbags, shoes & slippers, tobacco cloth, woven wiping cloths and wall covering fabrics. For rayon, it includes asbestos carrier fiber, laundry supplies and mop yarns. For olefin yarn, it includes agricultural cloth, bale wrap, cable binding, civil engineering fabrics and macrame and other craft yarns.

Also included under Other Yarn are the substantial poundages of textile glass fiber not allocated elsewhere, particularly the poundages used in the manufacture of roofing shingles, built-up roofing and wallboard & plaster.

TABLE 10:
TEXTILE MILL CONSUMPTION
MAIN END USES FOR SEVEN EEC COUNTRIES[a]

MILLION POUNDS & *PERCENT*

END USES & YEAR	GRAND TOTAL			COTTON			WOOL			MAN-MADE FIBERS[c]			MAN-MADE FIBER DETAIL (Except glass fiber)						
													RAYON+ACETATE				NON-CELLULOSIC			
													TOTAL				TOTAL			
	LBS	%[b]	%[c]	LBS	%[b]	%[c]	LBS	%[b]	%[c]	LBS	%[b]	%[c]	LBS	%[b]	%[c]	YARN LBS	STAPLE LBS	LBS	%[b]	%[c]	YARN LBS	STAPLE LBS
APPAREL																						
1977	3801	100	50.5	936	24.6	45.7	645	17.0	70.5	2220	58.4	48.7	422	11.1	36.5	172	250	1798	47.3	52.8	754	1044
1978	3972	100	50.7	933	23.5	45.6	642	16.1	69.9	2397	60.4	49.2	416	10.5	36.7	188	228	1981	49.9	53.0	814	1167
1979	4256	100	52.0	1046	24.6	50.0	675	15.9	70.0	2535	59.5	49.5	479	11.2	39.3	211	268	2056	48.3	52.6	812	1244
1980	3753	100	50.4	1020	27.2	51.1	670	17.9	70.0	2063	54.9	45.9	406	10.8	37.8	192	214	1657	44.1	48.5	679	978
1981	3542	100	49.3	897	25.3	49.1	636	18.0	69.8	2009	56.7	45.1	329	9.3	33.4	164	165	1680	47.4	48.5	691	989
1982	3453	100	49.4	999	28.9	51.3	580	16.8	69.5	1874	54.3	44.7	298	8.6	32.3	145	153	1576	45.7	48.1	645	931
CARPETS																						
1977	935	100	12.4	19	2.0	1.0	164	17.5	17.9	752	80.5	16.5	38	4.1	3.3	-	38	714	76.4	21.0	273	441
1978	992	100	12.6	19	1.9	1.0	168	16.9	18.3	805	81.2	16.5	34	3.5	3.0	-	34	771	77.7	20.6	273	498
1979	993	100	12.1	15	1.5	0.7	177	17.8	18.4	801	80.7	15.6	29	2.9	2.4	-	29	772	77.8	19.8	279	493
1980	947	100	12.7	19	2.0	0.9	173	18.3	18.1	755	79.7	16.8	22	2.3	2.0	-	22	733	77.4	21.5	274	459
1981	943	100	13.1	19	2.0	1.0	167	17.7	18.4	757	80.3	17.0	18	1.9	1.8	-	18	739	78.4	21.3	283	456
1982	879	100	12.6	16	1.8	0.8	155	17.7	18.6	708	80.5	16.9	15	1.7	1.6	-	15	693	78.8	21.2	272	421
OTHER HOME FURNISHINGS																						
1977	1641	100	21.8	721	43.9	35.2	74	4.5	8.1	846	51.6	18.5	331	20.2	28.7	38	293	515	31.4	15.1	133	382
1978	1675	100	21.4	733	43.8	35.7	77	4.6	8.4	865	51.6	17.7	293	17.5	25.8	38	255	572	34.1	15.3	145	427
1979	1668	100	20.4	683	40.9	32.6	85	5.1	8.8	900	54.0	17.6	304	18.3	25.0	37	267	596	35.7	15.3	155	441
1980	1561	100	21.0	644	41.3	32.3	89	5.7	9.3	828	53.0	18.4	273	17.5	25.4	32	241	555	35.5	16.2	124	431
1981	1562	100	21.7	642	41.1	35.1	85	5.4	9.3	835	53.5	18.8	267	17.1	27.1	28	239	568	36.4	16.4	119	449
1982	1519	100	21.8	656	43.2	33.6	81	5.3	9.7	782	51.5	18.6	243	16.0	26.3	25	218	539	35.5	16.5	116	423
TIRES																						
1977	223	100	3.0	7	3.1	0.3	-	-	-	216	96.9	4.7	150	67.3	13.0	150	-	66	29.6	1.9	66	-
1978	199	100	2.5	6	3.0	0.3	-	-	-	193	97.0	4.0	137	68.8	12.0	137	-	56	28.2	1.5	56	-
1979	193	100	2.4	4	2.1	0.2	-	-	-	189	97.9	3.7	137	71.0	11.2	137	-	52	26.9	1.3	52	-
1980	182	100	2.4	4	2.2	0.2	-	-	-	178	97.8	4.0	122	67.0	11.4	122	-	56	30.8	1.6	56	-
1981	158	100	2.2	3	1.9	0.2	-	-	-	155	98.1	3.5	108	68.4	11.0	108	-	47	29.7	1.4	47	-
1982	141	100	2.0	2	1.4	0.1	-	-	-	139	98.6	3.3	96	68.1	10.4	96	-	43	30.5	1.3	43	-
OTHER INDUSTRIAL USES																						
1977	924	100	12.3	364	39.4	17.8	32	3.5	3.5	528	57.1	11.6	214	23.1	18.5	26	188[e]	314	34.0	9.2	197	117
1978	1001	100	12.8	355	35.5	17.4	31	3.1	3.4	615	61.4	12.6	255	25.5	22.5	21	234[e]	360	35.9	9.6	212	148
1979	1071	100	13.1	345	32.2	16.5	27	2.5	2.8	699	65.3	13.6	269	25.1	22.1	24	245[e]	430	40.2	11.0	245	185
1980	1004	100	13.5	309	30.8	15.5	25	2.5	2.6	670	66.7	14.9	252	25.1	23.4	21	231[e]	418	41.6	12.2	232	186
1981	982	100	13.7	266	27.1	14.6	23	2.3	2.5	693	70.6	15.6	263	26.8	26.7	17	246[e]	430	43.8	12.4	239	191
1982	990	100	14.2	277	28.0	14.2	19	1.9	2.2	694	70.1	16.5	271	27.4	29.4	15	256[e]	423	42.7	12.9	244	179
TOTAL END-USE CONSUMPTION																						
1977	7524	100	100	2047	27.2	100	915	12.2	100	4562	60.6	100	1155	15.3	100	386	769	3407	45.3	100	1423	1984
1978	7839	100	100	2046	26.0	100	918	11.8	100	4875	62.2	100	1135	14.5	100	384	751	3740	47.7	100	1500	2240
1979	8181	100	100	2093	25.6	100	964	11.8	100	5124	62.6	100	1218	14.9	100	409	809	3906	47.7	100	1543	2363
1980	7447	100	100	1996	26.8	100	957	12.9	100	4494	60.3	100	1075	14.4	100	367	708	3419	45.9	100	1365	2054
1981	7187	100	100	1827	25.4	100	911	12.7	100	4449	61.9	100	985	13.7	100	317	668	3464	48.2	100	1379	2085
1982	6982	100	100	1950	27.9	100	835	12.0	100	4197	60.1	100	923	13.2	100	281	642	3274	46.9	100	1320	1954

SOURCE: Comité International de la Rayonne et des Fibres Synthetiques, Paris, France

a. Belgium, France, Italy, Luxembourg, Netherlands, West Germany and the United Kingdom.

b. The percentages in these columns show the share of each fiber in the specified end use each year. They add horizontally to the 100% shown in each of the Grand Total columns.

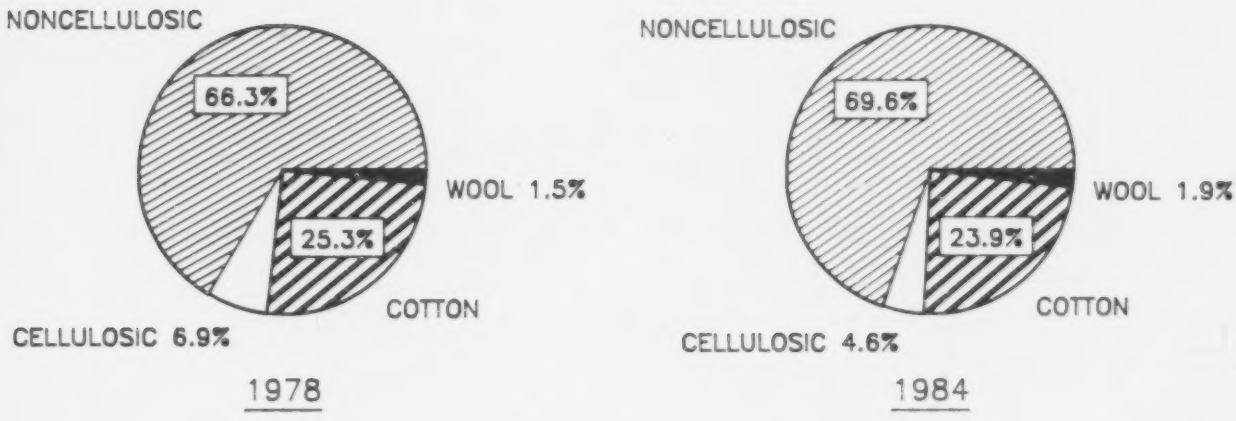
c. The percentages in these columns show the share of each fiber in the various end uses. They add vertically to the 100% shown under Total End Use Consumption columns.

d. Excludes olefin film fiber and textile glass fiber.

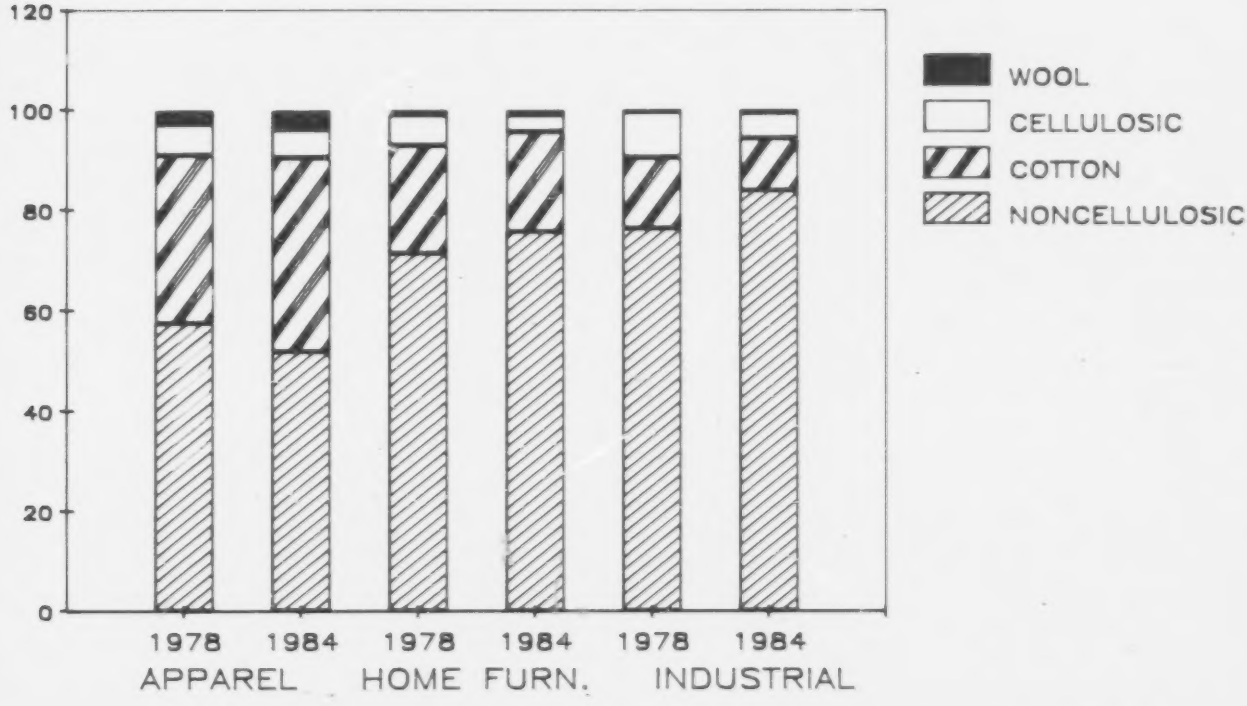
e. Includes acetate tow for cigarette filters.

GRAPH 1: PERCENT SHARE OF U.S. END USE SUMMARY

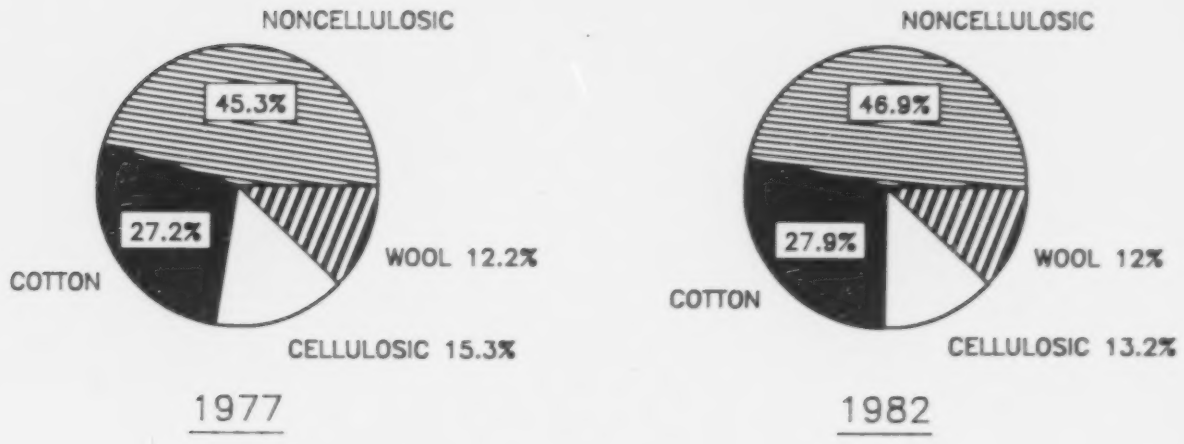
TOTAL END USE BY FIBER

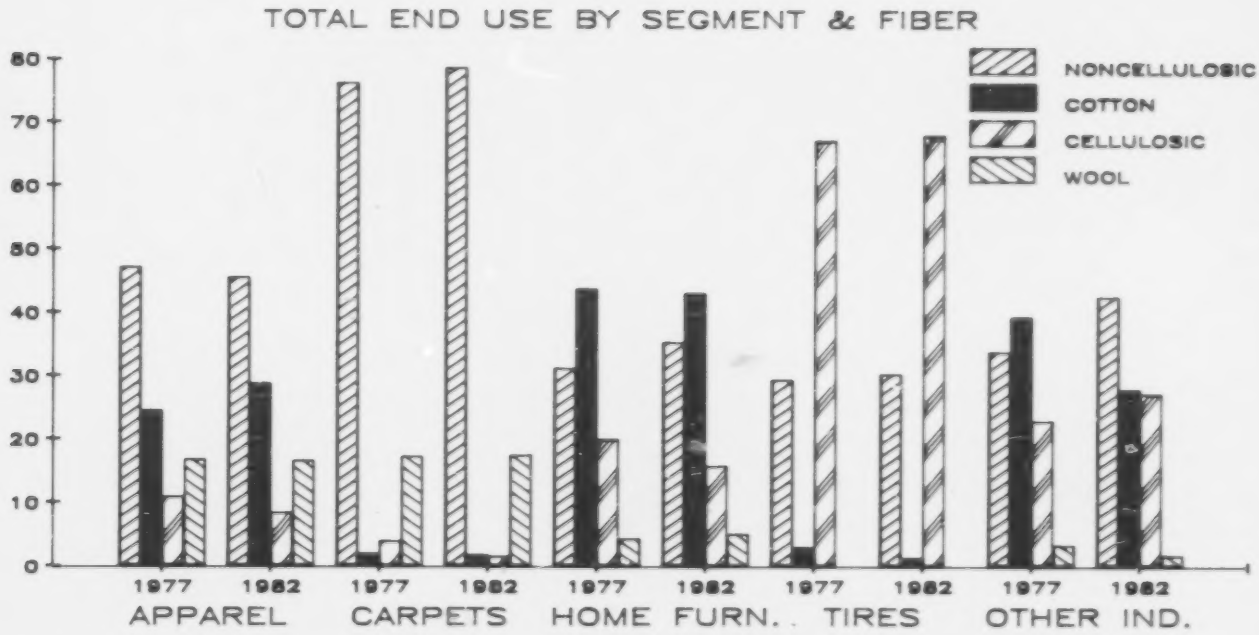


TOTAL END USE BY SEGMENT & FIBER



GRAPH 2: PERCENT SHARE OF TEXTILE MILL CONSUMPTION IN SEVEN EEC COUNTRIES





TRADE BAROMETER

MAN-MADE FIBER TRADE BALANCE RISES

The U.S. man-made fiber balance of trade rose in July as the net export balance of trade rose to 53.4 million pounds, up from the 46.2 million pound export balance in June.

Falling imports and rising exports caused the increase in the trade balance. Imports of fiber totaled 30.2 million pounds, down slightly from June's level of 30.5 million pounds. Exports of fiber in July totaled 83.6 million pounds, up 9% from the 76.7 million pounds in June.

The July trade balance is 227% above that of July 1984. This month's exports are almost 50% higher than last July's level, while imports are down 24% below the July 1984 level.

JULY DETAIL

The net export trade balance in noncellulosic yarn+monofilaments fell almost 6% in July to 21.0 million pounds, while the net export trade balance in noncellulosic staple+tow rose over 62% to 28.0 million pounds.

The noncellulosic staple+tow balance of trade increased in July as imports rose by 7% and exports increased by 9%.

The balance of trade for noncellulosic yarn+monofilaments declined in July as a result of declining exports and imports. Exports fell by 7% and imports declined by almost 8%.

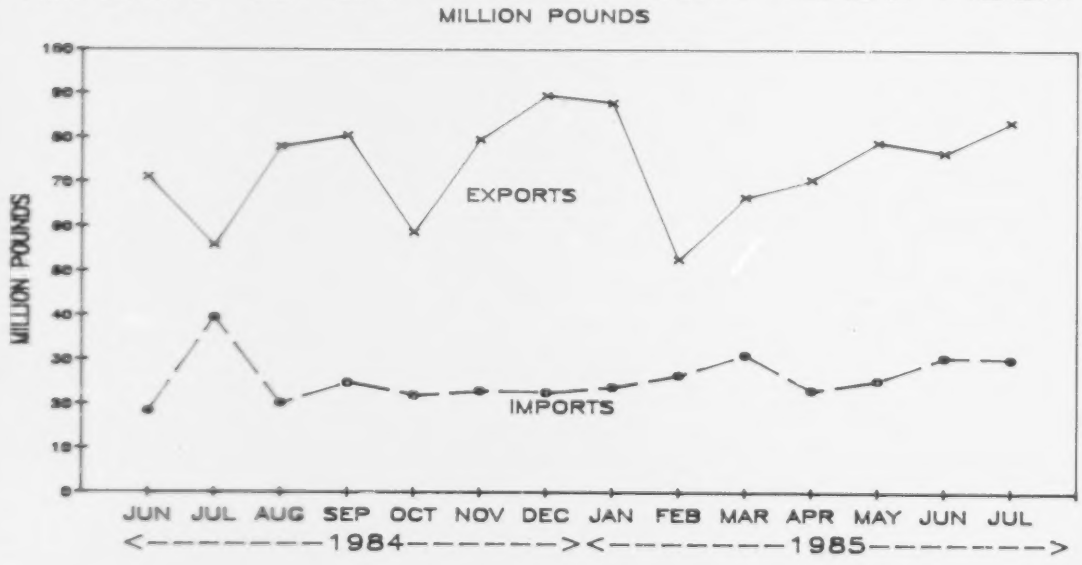
Products to note in July:

- *Rayon staple. Imports soared by 83%, while exports fell by 67%.*
- *Nylon textured yarn. Exports rose by 41%.*
- *Acrylic staple. Exports increased by 200%.*

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as changes are implemented the manufactures trade data will again appear in the ***ORGANON***.

GRAPH 3:
IMPORTS VS EXPORTS OF MAN—MADE FIBER



GRAPH 4:
MAN–MADE FIBER MONTHLY TRADE BALANCE
MILLION POUNDS

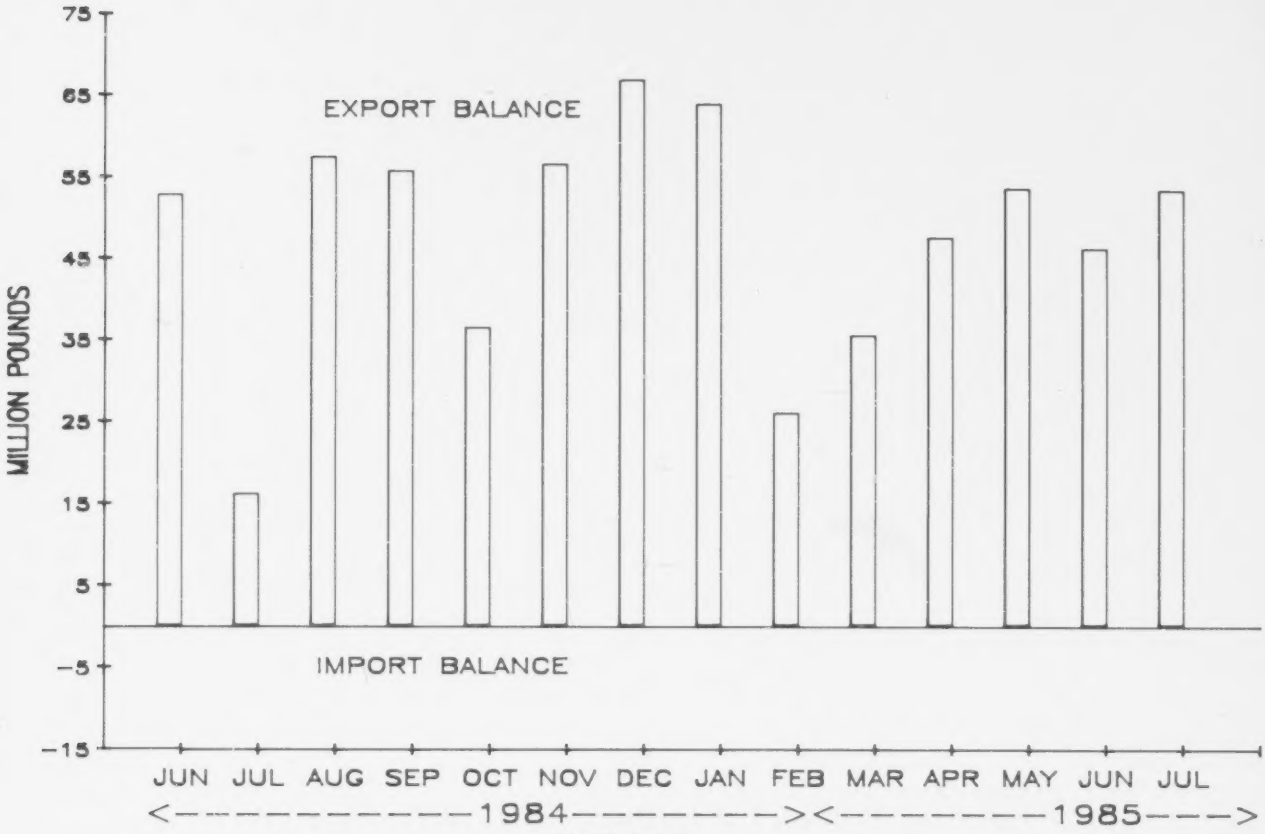


TABLE 11:
MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL
MILLION POUNDS

COMMODITY	1984							1985						
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
CELLULOSIC YARN+MONOFILAMENTS	0.3 E	0.6 I	1.1 I	0.1 I	0.1 E	0.1 I	1.2 I	0.3 I	0.7 I	0.3 E	+	0.1 I	0.8 I	+
CELLULOSIC STAPLE+TOW	6.2 E	2.2 E	2.9 E	1.7 E	1.9 E	1.1 E	3.1 E	1.6 E	0.8 E	2.2 E	3.7 E	1.5 E	4.4 E	0.9 E
NONCELLULOSIC YARN+MONOFILAMENTS	12.4 E	8.2 E	14.8 E	19.1 E	10.6 E	14.7 E	19.6 E	14.5 E	12.2 E	10.2 E	18.9 E	20.9 E	22.4 E	21.0 E
NONCELLULOSIC STAPLE+TOW	24.3 E	10.7 E	37.4 E	31.0 E	22.1 E	38.7 E	40.4 E	45.0 E	16.6 E	23.4 E	24.9 E	29.0 E	17.2 E	28.0 E
CELLULOSIC WASTE	+	0.1 E	0.1 I	0.2 E	0.1 I	0.2 E	0.1 E	+	+	0.2 E	0.1 E	0.1 E	0.1 E	+
NONCELLULOSIC WASTE	9.8 E	4.1 I	3.5 E	4.0 E	2.0 E	2.1 E	5.0 E	3.2 E	2.8 I	0.7 I	+	2.2 E	2.9 E	3.7 E
TOTAL	**53.0 E**	**16.3 E**	**57.6 E**	**55.9 E**	**36.6 E**	**56.7 E**	**67.0 E**	**64.0 E**	**26.1 E**	**35.6 E**	**47.6 E**	**53.6 E**	**46.2 E**	**53.6 E**

I means net-import balance.
E means net-export balance.

TABLE 12:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1985 JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YEAR TO DATE 1985	1984
CELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	120	131	140	185	199	256	138						1169	1358
MEXICO	33	40	36	138	64	183	122						616	460
FRANCE	27	0	0	30	0	0	0						57	53
GERMANY, FED. REP. OF	686	424	358	169	382	645	360						3024	2828
NETHERLANDS	77	76	84	145	36	209	101						728	303
JAPAN	96	73	10	66	9	58	0						312	384
REP. OF KOREA	0	0	0	22	9	130	0						161	180
ALL OTHER COUNTRIES[a]	71	60	112	91	91	145	162						732	121
TOTAL CELL. YARN	**1110**	**804**	**740**	**846**	**790**	**1626**	**883**						**6799**	**5687**
CELLULOSIC STAPLE+TOW														
CANADA	788	662	561	548	522	348	556						3985	4628
AUSTRIA	62	88	19	20	0	20	0						209	1396
SWEDEN	314	368	271	595	1	0	189						1738	2665
UNITED KINGDOM	162	268	180	53	52	62	47						824	626
JAPAN	20	32	59	92	91	5	29						328	813
ALL OTHER COUNTRIES[b]	35	0	223	0	50	2	1						311	124
TOTAL CELL. STAPLE+TOW	**1381**	**1418**	**1313**	**1308**	**716**	**437**	**822**						**7395**	**10252**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	962	716	939	1085	1038	1507	1924						8171	11827
COSTA RICA	0	0	30	0	7	31	1						69	198
MEXICO	624	588	923	566	435	1099	766						5001	9360
AUSTRIA	83	109	89	126	43	44	31						525	176
BELGIUM	205	454	949	519	540	1084	642						4393	64
FRANCE	682	441	320	314	104	471	375						2707	1128
GERMANY, FED. REP. OF	1676	1879	2645	1170	1639	1308	1368						11685	11232
ITALY	1528	911	925	258	529	2020	1581						7752	3816
NETHERLANDS	93	1	37	54	98	79	136						498	387
SPAIN	1	0	+	0	2	1	0						4	323
SWITZERLAND	35	26	32	14	32	26	10						175	347
UNITED KINGDOM	591	612	807	575	638	629	517						4369	2792
ISRAEL	78	274	98	182	286	278	142						1338	975
JAPAN	584	793	473	875	724	462	475						4386	10025
REP. OF KOREA	3	1	1	4	1	0	1						11	187
TAIWAN	9	1	21	19	33	38	30						151	455
ROMANIA	88	0	0	0	22	0	0						110	370
SOUTH AFRICA	286	209	1618	986	1189	1260	902						6450	2578
ALL OTHER COUNTRIES[c]	242	290	184	748	372	423	949						3208	594
TOTAL N.C. YARN	**7770**	**7305**	**10091**	**7495**	**7732**	**10780**	**9860**						**61003**	**58634**
NONCELLULOSIC STAPLE+TOW														
BRAZIL	278	415	935	0	670	536	55						2889	817
CANADA	1640	2153	1296	2287	2591	2214	2085						14266	8640
COSTA RICA	86	330	187	260	144	189	400						1596	1244
MEXICO	1111	433	772	345	420	953	623						4657	11958
BELGIUM	127	85	12	67	18	20	18						347	402
FRANCE	920	1032	923	621	392	656	1177						5721	2952
GERMANY, FED. REP. OF	1656	1970	1670	1456	2367	2402	3090						14611	18507
ITALY	527	411	2448	481	506	1639	2162						8174	8722
NETHERLANDS	74	27	67	29	32	3	40						272	508
SWITZERLAND	18	146	11	71	19	40	22						327	274
UNITED KINGDOM	740	1287	879	847	1619	1387	1380						8139	8974
ISRAEL	0	1	55	77	127	262	95						617	159
JAPAN	1154	1247	1567	1982	2289	2345	1693						12277	8730
REP. OF KOREA	37	170	165	928	475	346	317						2438	326
TAIWAN	1301	1033	2115	865	1290	1354	2199						10157	7054
ROMANIA	83	88	95	36	29	99	136						566	1301
SOUTH AFRICA	49	131	0	25	57	24	27						313	376
ALL OTHER COUNTRIES[d]	43	101	44	190	160	159	164						861	673
TOTAL N.C. STAPLE+TOW	**9344**	**11080**	**13241**	**10567**	**13205**	**14628**	**15663**						**88228**	**81617**

\+ Means a nominal poundage.

Other countries supplying 1985 poundages are

a. Brazil 365, Hong Kong 12, Ireland 112, Italy 6, China, PRC 2, Sweden 10, Taiwan 37, Thailand 13, United Kingdom 175.

b. Brazil 1, Fed. Rep. of Germany 44, Finland 79, France 14, Italy 5, Netherlands 3, Taiwan 165.

c. Australia 115, Belgium +, Brazil 214, Denmark 114, German Dem. Rep. 24, Hong Kong 4, Iran 51, Ireland 148, Morocco 55, Norway 203, China, PRC 2, Singapore 48, Sweden 156, Turkey 47, Yugoslavia 2027.

d. Australia 103, Austria 74, Denmark 112, Finland 289, Hong Kong +, Iceland 35, Ireland 52, Jordan 16, Kiribat 29, Philippines +, Portugal +, Spain 1, Sweden 35, Turkey 8, Yugoslavia 107.

TABLE 13:
U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1985	1984
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	0	0	38	41	0	0	0						79	527
OTHER	310.0130 & .0230*	1105	751	697	726	748	1547	723						6297	5072
MONOFILAMENTS	309.0310 & .0610	0	17	1	0	0	0	0						18	5
STRIPS, $1/LB & UNDER	309.2000*	5	36	4	79	42	79	160						405	83
SUBTOTAL ABOVE		**1110**	**804**	**740**	**846**	**790**	**1626**	**883**						**6799**	**5687**
STAPLE	309.4320 & .4325	1319	1255	1255	1186	610	408	745						6778	9408
GROUPED FILAMENTS	309.3010 & .3110	62	163	58	122	106	29	77						617	844
SUBTOTAL ABOVE		**1381**	**1418**	**1313**	**1308**	**716**	**437**	**822**						**7395**	**10252**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510*	**96**	**73**	**0**	**41**	**0**	**0**	**78**						**288**	**322**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310.0109 & .0209	2115	1670	2496	1646	992	4129	3940						16988	11735
- POLYESTER	310.0110 & .0210	654	758	2492	1531	1834	1670	1394						10333	6763
- OTHER	310.0114 & .0214	1157	1238	1081	816	1002	1263	1265						7822	4891
OTHER - NYLON	310.0149 & .0249	2037	1819	1450	2132	1950	1961	1783						13132	18145
- POLYESTER	310.0150 & .0250	1336	1326	2183	838	1483	1291	1017						9474	11107
- OTHER	310.0170 & .0270[c]	179	243	140	182	281	108	136						1269	1673
MONOFILAMENTS	309.0200 & .0330[c]	240	133	190	238	118	196	204						1319	1876
STRIPS, OVER $1/LB	309.2100 & .2500*	52	118	59	112	72	142	111						666	644
SUBTOTAL ABOVE		**7770**	**7305**	**10091**	**7495**	**7732**	**10760**	**9850**						**61003**	**56834**
STAPLE - NYLON	309.4338	2329	1897	4525	2186	2030	3786	4667						21420	23426
- POLYESTER	309.4342	1623	2018	1854	2551	2736	2382	2233						15397	15436
- ACRYLIC	309.4345	1392	967	1073	1089	1102	1385	1483						8491	8497
- OLEFIN	309.4346	38	169	270	355	583	796	472						2683	1505
- OTHER	309.4355	1838	1645	2997	894	2464	2233	1949						14020	9340
GROUPED FILAMENTS															
NYLON	309.3030 & .3130	1742	3045	1957	2013	3112	2351	3233						17453	13530
POLYESTER	309.3040 & .3140	372	335	188	270	160	668	921						2914	4335
ACRYLIC	309.3050 & .3150	440	832	273	916	935	761	530						4687	4389
OTHER	309.3065 & .3165	70	152	104	293	83	266	195						1163	1156
SUBTOTAL ABOVE		**9844**	**11060**	**13241**	**10567**	**13205**	**14628**	**15683**						**88228**	**81616**
WASTE, NOT ADVANCED															
- NYLON	309.6625	3094	4321	3549	1975	1905	1757	1943						18544	20970
- POLYESTER	309.6630	445	950	1386	435	474	1001	391						5082	4257
- ACRYLIC	309.6645	-	0	10	20	58	0	0						88	38
- OTHER	309.6660	12	197	169	37	37	291	126						869	2281
NOILS & GARNETTED FIBERS	309.6000 & .7000*	0	0	62	31	0	0	0						93	242
OTHER WASTE, ADVANCED	309.7525 - .7555	44	368	498	334	431	52	408						2135	1778
SUBTOTAL ABOVE		**3595**	**5836**	**5874**	**2832**	**2905**	**3101**	**2868**						**26811**	**30266**
TOTAL MAN-MADE ABOVE		**23796**	**28496**	**31059**	**23089**	**25348**	**30552**	**30184**						**190524**	**184977**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1106	0	0	-	1	0	0	0						1	-
- NONCELLULOSIC	310.1015* & .1109[f]	1106	665	740	248	365	747	1052						4923	6707
OTHER - CELLULOSIC	310.1030 & .1135*	48	18	17	6	27	130	17						263	118
- NONCELLULOSIC	310.1050 & .1070[g]	346	503	337	392	894	480	340						3292	1701
SPUN YARN - CELLULOSIC	310.4005 & .4030	83	143	119	110	168	143	160						926	969
- OTHER	310.4015 & .4027	2643	1623	2810	2749	4479	3393	2901						20598	22098
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	682	296	626	250	1126	1143	668						4791	707
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	451	462	739	833	851	780	742						4858	2154
SLIVER, TOPS & ROVING	309.9000	205	241	410	131	227	165	149						1528	3408
TEXTILE GLASS FIBER	309.2800 & .2900*	2454	1496	3565	3438	2160	3771	2589						19473	15374
GRAND TOTAL ABOVE		**31814**	**31943**	**40422**	**31247**	**35645**	**41304**	**38802**						**251177**	**238213**

SOURCE: U.S. Census Bureau Report IM145X.

NES - Not elsewhere specified.

+ Means a nominal poundage.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 309.6615.

c. Also includes 310.0530, .0550, .0630 & .0650.

d. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

e. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

f. Also includes 310.1110 & .1114.

g. Also includes 310.2010 & .2110.

h. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

i. Also includes 310.5005 & .5030.

j. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 14:
U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR-TO-DATE 1985	1984
CELLULOSIC FIBERS															
FILAMENT YARN[a]															
TEXTURED	310.0006	0	4	30	4	2	7	2						49	85
OTHER[b]	310.0026	811	117	971	765	697	816	841						5018	6633
MONOFILAMENTS	309.0110	0	0	0	60	4	0	0						64	8
STRIPS	309.2210	0	7	0	0	0	0	0						7	58
SUBTOTAL ABOVE		**811**	**128**	**1001**	**829**	**703**	**823**	**843**						**5138**	**6784**
STAPLE-TOW-RAYON	309.4222	2925	2042	3375	4870	2144	4517	1486						21359	36956
STAPLE ACETATE	309.4219	12	133	140	133	70	295	203						986	1597
SUBTOTAL ABOVE		**2937**	**2175**	**3515**	**5003**	**2214**	**4812**	**1689**						**22345**	**38553**
WASTE, ADVANCED & NOT ADVANCED	309.7400	**72**	**119**	**161**	**113**	**137**	**141**	**94**						**837**	**983**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0008 & .0009	2478	2450	2480	2073	1961	1467	2065						14974	20593
- HIGH TENACITY	310.0027	4921	6044	6255	5527	7101	4516	4898						39262	35750
- OTHER	310.0029	883	1002	954	824	610	600	584						5457	8560
POLYESTER-TEXTURED	310.0010	7465	5968	5803	13481	10315	16481	15935						75448	37863
- HIGH TENACITY	310.0032	865	795	641	946	4285	4748	3641						15921	5215
- OTHER	310.0034[c]	7458	102	422	295	1114	759	382						5532	3149
OTHER - TEXTURED	310.0014	264	588	1152	258	509	636	1154						4561	3931
- OLEFIN	309.0040	52	5	61	18	47	67	49						299	235
- OTHER	310.0044	557	572	607	711	655	1741	810						5653	3411
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	231	195	189	136	268	237	135						1411	1566
POLYESTER[e]	309.0140	667	434	470	472	533	501	403						3480	1619
OTHER	309.0170	1060	996	908	1335	894	706	422						6321	6261
STRIPS	309.2220 & .2270	427	339	346	316	296	646	335						2705	2819
SUBTOTAL ABOVE		**22328**	**19490**	**20096**	**26390**	**28600**	**32155**	**30813**						**181024**	**130972**
STAPLE - NYLON	309.4240	1180	471	783	1269	491	992	795						5981	9193
- POLYESTER	309.4242	23227	9880	18988	16125	22416	18365	17503						126504	69198
- ACRYLIC	309.4245	21821	12541	11117	11634	10587	5923	17806						91429	87239
- OLEFIN	309.4246	1039	261	620	442	750	791	137						4040	2035
- OTHER	309.4247	755	875	890	775	1217	944	821						6277	5633
GROUPED FILAMENTS															
NYLON	309.3220	211	95	51	142	24	390	142						1055	1990
POLYESTER[e]	309.3240	3251	1302	2292	2519	3107	2775	3484						18730	16453
ACRYLIC	309.3250 & .3255	3372	2291	1957	2543	3648	1600	2974						18385	18581
SUBTOTAL ABOVE		**54856**	**27716**	**36698**	**35449**	**42240**	**31780**	**43662**						**272401**	**210322**
WASTE, ADVANCED & NOT ADVANCED															
- NYLON	309.7620	303	196	237	297	345	159	200						1737	8414
- POLYESTER	309.7630	4721	2235	3165	1606	3530	4091	4135						23483	33879
- ACRYLIC	309.7640	419	214	216	111	176	391	298						2325	2715
- OTHER	309.7660	1405	342	873	803	1012	1380	1907						7722	9429
SUBTOTAL ABOVE		**6849**	**2987**	**4991**	**2817**	**5063**	**6021**	**6540**						**35267**	**54437**
TOTAL MAN-MADE FIBER ABOVE		**87852**	**52615**	**68854**	**70603**	**78965**	**76682**	**83841**						**517012**	**442051**
TEXTILE GLASS FIBER	309.2700 & .9700	7000	3868	7463	5183	5044	5110	4786						38454	32170
GRAND TOTAL ABOVE		**94852**	**56483**	**74117**	**75786**	**84009**	**81792**	**88627**						**555466**	**474221**

SOURCE: U.S. Census Bureau Report EM546

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 15:
FILAMENT YARN DOMESTIC SHIPMENTS[a]

MILLION POUNDS

ITEM		ANNUAL DATA 1981	1982	1983	1984	QUARTERLY DATA 1984 1ST Q	2ND Q	3RD Q	4TH Q	1985 1ST Q	2ND Q	3RD Q	4TH Q
		(A) ACETATE	(N) NYLON *			(P) POLYESTER				(O) OLEFIN			
HOSIERY[b]	N	107.0	92.3	104.3	101.5	27.8	25.6	24.1	24.0	25.2	25.0		
OTHER CIRCULAR KNIT[c]	N	48.2	25.7	24.5	17.6	4.2	5.1	4.5	3.8	3.1	3.2		
	P	345.6	228.4	293.7	174.7	55.7	42.0	33.8	43.2	33.1	46.9		
	A	3.6	1.6	2.1	2.3	0.4	1.0	0.6	0.3	0.3	NA		
FLAT KNIT	A	98.7	71.7	79.1	67.2	18.1	19.8	15.1	14.2	15.5	NA		
	N	163.2	130.8	162.2	135.2	40.4	33.0	29.4	32.4	36.0	33.4		
	P	98.4	87.0	116.6	137.3	32.7	36.0	34.0	34.6	37.1	39.5		
CARPET FACE	N	633.6	559.5	734.6	770.2	191.1	197.7	191.3	190.1	163.9	207.5		
	O	89.5	90.0	147.2	154.1	33.7	36.2	39.1	45.1	44.8	51.2		
CARPET BACKING[d]	O	195.3	184.7	196.8	227.8	48.1	53.0	51.6	75.1	97.3	109.1		
OTHER BROAD WOVEN[e]	A	110.7	88.8	113.6	108.8	29.8	30.5	27.2	21.3	19.5	NA		
	N	89.2	82.2	83.6	90.7	20.5	24.7	23.9	21.6	16.9	16.3		
	P	440.2	367.0	489.9	392.2	104.8	93.9	92.5	101.0	96.1	107.2		
	O	200.7	172.5	201.1	190.3	47.4	50.5	43.8	48.6	54.6	60.1		
NARROW WOVEN[f]	A	8.6	2.9	1.7	0.7	0.1	0.3	0.3	-	0.1	NA		
	N	34.0	30.2	35.3	39.9	10.8	10.1	9.2	9.8	7.8	7.7		
	P	28.1	28.1	35.5	38.7	8.6	8.8	10.2	11.1	9.6	9.5		
	O	12.6	12.1	15.0	14.9	3.7	3.8	3.8	3.6	3.8	4.0		
TIRES, INCL. CHAFER	N	204.7	147.9	145.5	172.9	42.4	45.5	38.6	46.4	42.7	36.4		
	P	174.8	168.9	174.1	174.4	44.6	44.5	44.8	40.5	44.5	40.2		
OTHER RUBBER INDUSTRY[g]	N	25.7	17.3	16.3	20.9	5.1	5.6	5.5	4.7	4.6	3.7		
	P	35.1	26.7	27.8	32.7	8.1	9.9	7.8	6.9	7.2	8.2		
ROPE, CORDAGE & FISHLINE	N	30.6	29.1	31.7	35.0	8.7	9.9	8.4	8.0	8.6	8.6		
	P	15.8	14.4	12.2	15.1	4.5	3.9	3.5	3.8	3.1	3.7		
	O	92.1	84.8	95.5	106.9	28.4	27.9	23.1	27.5	28.8	29.8		
ALL OTHER[h]	A	4.7	4.0	1.1	1.1	0.3	0.3	0.2	0.3	0.4	NA		
	N	68.1	50.6	54.4	54.2	14.1	13.5	14.0	12.6	13.9	10.3		
	P	292.0	214.3	144.6	179.2	32.9	47.1	50.3	48.9	59.4	56.4		
	O	36.1	32.9	41.0	31.6	8.0	8.6	8.2	6.6	7.8	7.5		
TOTAL ABOVE	**A**	**226.3**	**169.0**	**197.6**	**190.1**	**49.7**	**51.9**	**43.4**	**36.1**	**35.8**	**NA**		
	N	**1404.3**	**1185.6**	**1392.4**	**1438.1**	**383.1**	**370.7**	**348.9**	**353.4**	**332.7**	**352.1**		
	P	**1430.0**	**1134.8**	**1294.4**	**1144.9**	**291.9**	**298.1**	**278.9**	**290.0**	**290.1**	**311.6**		
	O	**630.3**	**577.0**	**696.6**	**725.6**	**169.3**	**180.2**	**169.6**	**208.5**	**237.1**	**261.7**		
TOTAL DOMESTIC		**3686.9**	**3046.4**	**3582.8**	**3488.7**	**875.0**	**880.9**	**830.8**	**886.0**	**895.7**	**NA**		
ALSO DIVIDED AS													
APPAREL		1530.0	1128.2	1257.5	1072.1	278.1	308.8	244.0	241.2	252.1	NA		
HOME FURNISHINGS		1129.4	1016.6	1328.7	1354.2	335.3	305.5	339.9	373.5	364.2	NA		
INDUSTRIAL		1029.5	901.6	996.6	1062.4	261.6	274.6	254.9	271.3	268.8	NA		
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NON-CARPET)													
NYLON		159.6	122.3	127.1	118.7	31.3	30.4	28.1	28.9	28.4	28.7		
POLYESTER		991.3	737.9	832.4	675.5	173.6	162.1	161.7	178.1	181.0	204.5		
OLEFIN		33.5	26.8	28.0	23.3	5.9	5.8	6.9	4.7	5.2	5.9		

NA - Not Available

*. Includes Aramid in 1981 and 1982.

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.

b. Small poundages of polyester are included in All Other.

c. Small poundages of olefin are included in All Other.

d. Small poundages of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc. The olefin poundages include other home furnishings applications only, i.e., industrial applications are in All Other.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Small poundages of olefin are included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin poundages include sliver knit backing. Also includes indirect exports.

i. These poundages are included in the Total Domestic area above.

TABLE 16:
STAPLE+TOW DOMESTIC SHIPMENTS

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1984				1985			
		1981	1982	1983	1984	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q
(R) RAYON (N) NYLON *		(A) ACRYLIC+MODACRYLIC				(P) POLYESTER				(O) OLEFIN			
HOSIERY SWEATERS & CRAFT YARNS[a]	A	255.6	230.5	237.3	204.8	54.4	57.1	48.5	44.8	48.6	48.9		
	N[a]	8.9	8.8	9.5	6.6	1.4	1.6	1.6	1.8	1.7	1.1		
PILE FABRICS[a]	A	44.7	36.4	33.0	30.0	8.3	8.9	7.0	5.8	6.6	7.1		
	P	14.9	15.6	18.2	18.4	4.8	5.0	4.6	4.0	3.9	4.1		
OTHER CIRCULAR-FLAT KNIT[a]	R	10.9	5.7	3.5	4.3	1.2	0.6	1.2	1.3	0.7	1.3		
	A	91.6	112.6	129.5	118.5	32.0	35.0	31.0	20.5	27.3	38.3		
	P	300.7	288.8	354.4	283.0	77.6	76.5	67.5	61.4	62.7	75.6		
BLANKETS[a]	A	28.1	23.7	27.1	25.2	6.9	5.5	6.7	6.1	6.1	7.4		
	P	14.8	12.0	10.5	5.5	1.4	1.4	1.5	1.2	0.9	1.9		
OTHER BROAD WOVEN	R	224.7	146.6	162.1	177.7	46.9	42.6	43.2	42.8	39.0	39.4		
	N	52.4	56.4	59.0	42.5	12.3	11.0	8.9	10.3	11.4	8.2		
	A	33.0	25.7	32.5	29.5	9.4	7.4	5.6	7.1	8.8	9.6		
	P	1107.0	889.0	1062.9	1039.1	272.6	270.6	256.3	239.6	214.1	209.2		
	O	17.1	16.1	19.4	22.1	5.7	5.3	5.3	5.8	6.4	6.9		
CARPET FACE YARNS	R	0.3	0.1	0.2	0.3	0.2	–	0.1	–	0.1	0.1		
	N	617.4	594.4	615.2	751.0	194.6	196.1	179.2	181.1	176.5	190.0		
	A	Included in All Other											
	P	124.0	114.7	139.0	131.4	31.2	35.6	32.0	32.6	30.7	33.9		
	O	67.5	76.8	93.6	96.5	22.4	25.2	23.9	25.0	25.2	30.6		
FIBERFILL[a]	P	226.7	228.4	275.4	275.1	69.2	65.9	65.4	75.6	72.6	65.0		
FLOCK	NP	13.0	10.2	10.6	9.2	2.3	2.3	2.2	2.4	1.4	1.2		
	R	5.6	3.1	3.2	2.7	0.7	0.7	0.7	0.6	0.6	0.4		
NONWOVENS[a]	R	124.6	111.9	119.0	126.3	33.8	32.4	32.0	28.1	27.6	28.9		
	N	3.5	3.8	4.9	2.8	0.9	0.6	0.7	0.6	0.7	0.7		
	P	149.3	155.2	177.4	177.2	44.6	46.7	42.9	43.0	44.0	39.2		
	VINYON+O	42.7	39.0	61.5	119.2	25.2	29.6	32.5	31.9	34.5	32.0		
ALL OTHER	R	29.1	24.3	23.9	18.8	5.5	5.6	3.8	3.9	5.5	6.1		
	N	10.3	7.7	5.2	9.4	1.1	0.9	3.6	3.8	2.8	2.6		
	A	41.1	29.0	32.8	38.7	9.6	10.3	8.9	9.9	7.7	9.4		
	P	60.6	57.8	55.8	56.2	11.7	24.5	7.8	12.2	21.0	30.4		
	VINYON+O	4.7	7.0	8.9	3.1	0.4	0.9	1.0	0.8	1.6	2.4		
TOTAL ABOVE	O	**398.9**	**293.7**	**333.5**	**331.9**	**80.7**	**82.5**	**81.6**	**77.1**	**73.6**	**75.6**		
	N	**686.4**	**673.3**	**697.1**	**814.4**	**211.1**	**210.6**	**194.5**	**196.2**	**192.8**	**202.7**		
	A	**494.1**	**457.9**	**652.2**	**646.7**	**120.6**	**124.2**	**107.7**	**94.2**	**105.3**	**116.7**		
	P	**2005.4**	**1767.5**	**2099.2**	**1992.2**	**514.2**	**527.7**	**481.3**	**469.0**	**456.3**	**469.3**		
	VINYON+O	**132.0**	**138.9**	**183.4**	**240.9**	**53.7**	**61.0**	**62.7**	**63.5**	**67.2**	**71.9**		
TOTAL DOMESTIC		**3724.8**	**3331.3**	**4005.4**	**3825.1**	**990.3**	**1006.2**	**927.8**	**902.0**	**895.4**	**931.1**		
ALSO DIVIDED AS													
APPAREL		1467.5	1321.7	1461.3	1277.1	341.1	349.9	310.3	275.8	289.0	316.4		
HOME FURNISHINGS		1442.9	1266.4	1630.0	1559.0	404.7	406.1	375.1	373.1	365.7	380.0		
INDUSTRIAL		734.4	743.2	914.1	992.1	244.5	250.0	242.4	253.1	240.7	234.7		

* 1981 and 1982 poundages include Aramid.
a. Olefin poundages are included in All Other.
b. Rayon and nylon poundages are included in All Other.
c. Nylon poundages are included in All Other.
d. Rayon and acrylic poundages are included in All Other.
e. Wet & dry laid and needled batts only.
f. Acrylic poundages are included in All Other.

TABLE 17:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1985	1984
MAN-MADE FIBER DATA[b]														
YARN+MONOFILAMENTS[c]														
CELLULOSIC YARN[d]	**17.3**	**16.7**	**17.7**	**18.6**	**19.0**	**16.4**	**16.2**	**17.5**					**139.4**	**144.1**
NYLON[e] - INDUSTRIAL[f]	32.1	31.0	33.1	27.6	28.7	24.0	26.3	28.4					231.2	247.9
- LOW DENIER INDUSTRIAL[g]	2.3	2.2	2.0	2.2	1.9	1.7	1.6	2.0					15.9	23.0
- CARPET	57.1	51.9	59.5	69.2	72.7	69.9	69.9	79.4					529.6	529.4
- TEXTILE	30.5	27.0	27.5	27.8	27.9	23.5	23.7	27.1					215.0	240.8
POLYESTER - INDUSTRIAL[f]	26.4	24.5	25.3	26.4	25.4	21.6	21.4	23.6					194.6	212.1
- LOW DENIER INDUSTRIAL[g]	1.6	1.6	1.4	2.0	2.0	2.0	1.7	2.0					14.3	16.4
- TEXTILE	69.5	75.6	81.9	89.6	89.3	83.9	80.4	86.7					656.9	563.9
OLEFIN[h]	78.0	79.9	82.8	86.0	89.1	90.4	75.6	89.9					671.7	474.8
TOTAL NONCELLULOSIC ABOVE	**297.5**	**293.7**	**313.5**	**330.8**	**337.0**	**317.0**	**300.6**	**339.1**					**2529.2**	**2308.3**
STAPLE+TOW+FIBERFILL														
RAYON[d]	**29.0**	**25.0**	**27.7**	**30.0**	**30.5**	**29.6**	**30.4**	**32.8**					**235.0**	**268.0**
NYLON[e]	70.5	60.6	65.0	67.9	71.2	66.7	68.2	74.2					544.3	563.2
ACRYLIC+MODACRYLIC	51.5	55.0	57.8	54.9	56.7	50.5	52.5	55.3					434.2	457.4
POLYESTER	162.4	169.5	175.4	177.4	183.8	162.2	149.4	168.5					1348.6	1456.3
OLEFIN-VINYON	21.4	23.1	23.7	24.5	26.0	23.4	20.2	27.5					189.8	160.4
TOTAL NONCELLULOSIC ABOVE	**305.8**	**308.2**	**321.9**	**324.7**	**337.7**	**302.8**	**290.3**	**325.5**					**2516.9**	**2637.3**
YARN+MONOFILAMENTS														
CELLULOSIC YARN[d]	**18.2**	**18.2**	**18.9**	**19.2**	**19.2**	**19.4**	**19.9**	**17.9**					**17.9**	**15.5**
NYLON[e] - INDUSTRIAL[f]	28.8	30.6	29.4	32.0	27.5	29.9	32.3	29.7					29.7	29.0
- LOW DENIER INDUSTRIAL[g]	6.2	6.2	6.1	6.1	5.8	5.6	6.0	6.4					6.4	5.3
- CARPET	68.0	69.5	71.1	58.2	51.9	52.9	55.5	49.5					49.5	61.0
- TEXTILE	43.1	45.0	47.7	47.5	46.6	48.2	45.7	39.4					39.4	44.9
POLYESTER - INDUSTRIAL[f]	24.3	23.2	23.9	24.3	26.2	29.2	28.9	27.8					27.8	20.2
- LOW DENIER INDUSTRIAL[g]	2.8	2.7	2.8	2.9	3.8	2.8	3.6	2.7					2.7	5.0
- TEXTILE	79.7	81.6	81.2	80.6	71.2	74.5	80.3	84.2					84.2	83.4
OLEFIN[h]	62.0	64.3	65.9	64.7	63.3	67.2	63.8	62.2					62.2	58.9
TOTAL NONCELLULOSIC ABOVE	**314.9**	**323.1**	**328.1**	**316.3**	**296.3**	**310.3**	**316.1**	**301.9**					**301.9**	**307.7**
STAPLE+TOW+FIBERFILL														
RAYON[d]	**30.3**	**31.3**	**32.4**	**31.1**	**29.5**	**28.1**	**27.5**	**24.3**					**24.3**	**26.7**
NYLON[e]	69.7	72.4	74.1	71.1	70.2	69.1	71.0	66.9					66.9	77.4
ACRYLIC+MODACRYLIC	76.6	75.0	76.1	77.2	75.7	72.5	71.6	66.0					66.0	72.3
POLYESTER	191.8	192.6	186.9	187.6	187.7	175.7	178.5	156.1					156.1	209.9
OLEFIN-VINYON	26.1	25.1	24.1	25.5	24.3	22.9	23.9	24.5					24.5	21.5
TOTAL NONCELLULOSIC ABOVE	**364.2**	**365.1**	**361.2**	**361.4**	**357.9**	**340.2**	**345.0**	**313.5**					**313.5**	**381.1**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	9.6	9.2	13.0	10.9	10.0	9.3							62.1	86.4
CARPET CLASS WOOL	1.2	1.1	1.7	1.1	0.9	0.4							6.4	5.6
TOTAL RAW WOOL	10.8	10.4	14.7	12.0	10.9	9.7							68.5	92.0
RAW COTTON	176.2	193.8	283.2	225.0	204.1	245.9	211.6						1539.8	1614.8

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 43 of the March 1985 issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 43 of the March 1985 issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 43 of the March 1985 issue.
k. Year-to-Date total for 1984, acetate yarn only.

Correction:

Due to a production error, the following changes should be made in the *June 1985 Organon*:

On page 127, the country heading should read: ***JAPAN***.

On page 124, the following companies should be added to the listing:

HUNGARY

MAGYAR VISCOSAGYAR (Hungarian Viscose Factory)●

Acrylic	Nyergesujfalu *Crumeron* (staple)
Nylon 6	Nyergesujfalu *Danamid* (yarn & staple)
Rayon	Nyergesujfalu (staple)

On page 125, the country heading should read: ***HUNGARY (Continued)***.

On page 133, the following companies should be added to the listing for ***TAIWAN***:

TAIWAN

FORMOSA PLASTIC CORPORATION (part of Formosa Plastics Group)

Acrylic	Kaohsiung & Lanchu *Tairylan* (staple, tow & tops)

HSIEH CHIN FISHING NET COMPANY, LTD.●

Nylon 6	Kaohsiung *Hsieh Chin* (monofil - captive)

HUALON - TEIJIN CORPORATION

Nylon 6	Chungho, Tao Yuan & Tou Fen (yarn)
Polyester	Chungho, Tou Fen & Yim Kao *Hualon* (yarn & staple)

HUNG CHOU CHEMICAL INDUSTRY COMPANY, LTD.

Polyester	Kwei Shan *Hunvira* (yarn)

JANG DAH NYLON INDUSTRIAL COMPANY, LTD.

Nylon 6	Hsin Tien *Yuan Pao* (yarn)

LIEN YU INDUSTRIAL COMPANY, LTD.

Nylon 6	Lin Tu *Pagoda* (yarn)
Polyester	Lin Tu *Pagoda* (yarn)

NAN-YA PLASTIC CO., POLYESTER FIBER DIVISION (part of Formosa Plastics Group)

Polyester	Tai Shan *Tairilin* (yarn & staple)

On page 120, the following country should be added to the listing: ***BOLIVIA***:

BOLIVIA

TEXTURBOL TEXTURIZADORA BOLIVIANA

Polyester	La Paz* (yarn)

Continued

On page 133, the following companies should be added to the listing for ***JAPAN***:

KANEGAFUCHI CHEMICAL INDUSTRY CO., LTD.
Modacrylic Takasago *Kanecaron, Kanekalon* (staple & tow)

KOHJIN CO., LTD.
Polychlal Yatsushiro *Cordelan* (staple)
Rayon Yatsushiro (staple)

KURARAY CO., LTD.
Polyester Saijo & Tamashima *Kuraray Polyester* (yarn & staple)
Rayon Kurashiki, Saijo & Tamashima (reg yarn)
Vinal Okayama *Cremona, Kuralon* (yarn, monofil & staple)

KUREHA CHEMICAL INDUSTRY CO., LTD.
Saran Kaibara & Mibu *Krehalon* (yarn, monofil & staple)
Vinyon Mibu *Viclon* (monofil)

MITSUBISHI ACETATE CO., LTD.
Acetate Toyama (yarn & tow)
Triacetate Toyama (yarn)

MITSUBISHI RAYON CO., LTD.●
Acrylic Otake *Finel, Silpalon, Vonnel* (yarn & staple)
Polyester Toyohashi *Soluna* (yarn), Lunaace (staple)

NIPPON ESTER CO., LTD. (subsidiary of Unitika, Kanebo and Mitsubishi Chemical Industry)
Polyester Okazaki & Sabae *Kanebo Ester, Unitika Ester* (yarn & staple)

NISSHINBO INDUSTRIES, INC.
Rayon Tokushima (staple)
Spandex Tokushima *Mobilon*

NITIVY CO., LTD.
Vinal Fujieda *Niti-Vilon, Solvron, Vilon* (yarn)

NITTO BOSEKI CO., LTD.● (See Ube-Nitto Kasei)
Rayon Fukuyama (staple)

OMIKENSHI CO., LTD.
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